



Individuals' names and signatures redacted

Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Attention: [REDACTED]

CERTIFICATE OF ANALYSIS

Date of report Generation: 03 September 2021
Customer: Aecom
Sample Delivery Group (SDG): 210805-65
Your Reference: 60663957
Location: Minwroth
Report No: 611633

This report has been revised and directly supersedes 609553 in its entirety.

We received 7 samples on Thursday August 05, 2021 and 7 of these samples were scheduled for analysis which was completed on Friday September 03, 2021. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

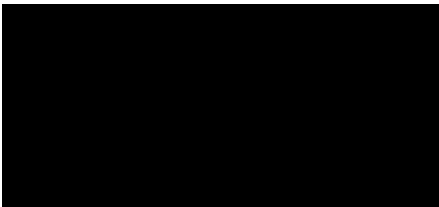
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 **Client Reference:** 60663957 **Report Number:** 611633
Location: Minwroth **Order Number:** 60663957 **Superseded Report:** 609553

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
24751039	MIN-01			04/08/2021
24751045	MIN-03			04/08/2021
24751046	MIN-04			04/08/2021
24751047	MIN-05			04/08/2021
24751040	MIN-02A			04/08/2021
24751041	MIN-02B			04/08/2021
24753545	MIN-02C			04/08/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	24751039	24751045																	
Customer Sample Reference	MIN-01	MIN-03																	
AGS Reference																			
Depth (m)																			
Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW

Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X									X									
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X									X									
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X								X								
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7							X											X	
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X								X								
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X								X								
Artificial radionuclide by HR gamma	All	NDPs: 7 Tests: 0		N									N								
Bromate by IC*	All	NDPs: 0 Tests: 7			X								X								
Chlormequat*	All	NDPs: 0 Tests: 7	X										X								
Chlorophyll-a Cold	All	NDPs: 7 Tests: 0							N											N	
Clostridium Perfringens*	All	NDPs: 7 Tests: 0							N											N	
Colour Test	All	NDPs: 0 Tests: 7			X								X								
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X								X								
Cryptosporidium & Giardia*	All	NDPs: 7 Tests: 0							N											N	
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7																	X		X

CERTIFICATE OF ANALYSIS



SDG: 210805-65
 Location: Minwroth

Client Reference: 60663957
 Order Number: 60663957

Report Number: 611633
 Superseded Report: 609553

Results Legend	Lab Sample No(s)		24751039												24751045							
	Customer Sample Reference		MIN-01												MIN-03							
Sample Types -	AGS Reference																					
	Depth (m)																					
	Container		0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
	Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X										X									
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7						X										X				
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X									X										
Epichlorohydrine*	All	NDPs: 0 Tests: 7	X									X										
Escherichia Coli*	All	NDPs: 7 Tests: 0					N											N				
Faecal Streptococci (W)*	All	NDPs: 7 Tests: 0					N											N				
Fluoride	All	NDPs: 0 Tests: 7			X										X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 7			X										X							
Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X										X									
Gross beta activity	All	NDPs: 0 Tests: 7	X										X									
Mercury Dissolved	All	NDPs: 0 Tests: 7							X											X		
Metaldehyde	All	NDPs: 0 Tests: 7	X									X										
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X										X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7								X												X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7		X										X								

24751047	MIN-05	Vial (ALE297)	SW																						
		NaOH (ALE245)	SW																						
		HNO3 Unfiltered (ALE204)	SW																						
		HNO3 Filtered (ALE204)	SW																						
		H2SO4 (ALE244)	SW																						
		500ml Plastic (ALE208)	SW																						
		330ml plastic bottle (ALE503)	SW																						
		250ml Amber Gl. PTFE/PE (ALE219)	SW																						
		1plastic (ALE221)	SW																						
		0.5l glass bottle (ALE227)	SW																						
		24751046	MIN-04	Vial (ALE297)	SW																				
NaOH (ALE245)	SW																								
HNO3 Unfiltered (ALE204)	SW																								
HNO3 Filtered (ALE204)	SW																								
H2SO4 (ALE244)	SW																								
500ml Plastic (ALE208)	SW																								
330ml plastic bottle (ALE503)	SW																								
250ml Amber Gl. PTFE/PE (ALE219)	SW																								
1plastic (ALE221)	SW																								
0.5l glass bottle (ALE227)	SW																								
24751045	MIN-03			Vial (ALE297)	SW																				
		NaOH (ALE245)	SW																						
		HNO3 Unfiltered (ALE204)	SW																						
		HNO3 Filtered (ALE204)	SW																						
		H2SO4 (ALE244)	SW																						
		500ml Plastic (ALE208)	SW																						
		330ml plastic bottle (ALE503)	SW																						
		250ml Amber Gl. PTFE/PE (ALE219)	SW																						
		1plastic (ALE221)	SW																						
		0.5l glass bottle (ALE227)	SW																						



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 Location: Minwroth

Client Reference: 60663957 Order Number: 60663957

Report Number: 611633 Superseded Report: 609553

Results Legend



Test



No Determination Possible

Sample Types -

- S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Table with columns for Lab Sample No(s), Customer Sample Reference, AGS Reference, Depth (m), Container, Sample Type, and various analytical parameters (Pesticides, pH Value, Phosphate, etc.) with results (X, N, or blank).



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 Client Reference: 60663957 Report Number: 611633
 Location: Minwroth Order Number: 60663957 Superseded Report: 609553

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

	Lab Sample No(s)											24751039	24751045								
	Customer Sample Reference											MIN-01	MIN-03								
	AGS Reference																				
	Depth (m)																				
	Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
VOC MS (W)	All	NDPs: 0 Tests: 7								X											

24751047	MIN-05			Vial (ALE297)	SW	X
				NaOH (ALE245)	SW	
				HNO3 Unfiltered (ALE204)	SW	
				HNO3 Filtered (ALE204)	SW	
				H2SO4 (ALE244)	SW	
				500ml Plastic (ALE208)	SW	
				330ml plastic bottle (ALE503)	SW	
				250ml Amber Gl. PTFE/PE (ALE219)	SW	
				1plastic (ALE221)	SW	
				0.5l glass bottle (ALE227)	SW	
				Vial (ALE297)	SW	X
				NaOH (ALE245)	SW	
				HNO3 Unfiltered (ALE204)	SW	
				HNO3 Filtered (ALE204)	SW	
H2SO4 (ALE244)	SW					
500ml Plastic (ALE208)	SW					
330ml plastic bottle (ALE503)	SW					
250ml Amber Gl. PTFE/PE (ALE219)	SW					
1plastic (ALE221)	SW					
0.5l glass bottle (ALE227)	SW					
Vial (ALE297)	SW					
24751045	MIN-03					X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 **Client Reference:** 60663957 **Report Number:** 611633
Location: Minwroth **Order Number:** 60663957 **Superseded Report:** 609553

Results Legend	Lab Sample No(s)																24751040	24751041					
	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">X</div> Test <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">N</div> No Determination Possible		Customer Sample Reference															MIN-02A	MIN-02B				
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other		AGS Reference																					
		Depth (m)																					
		Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
		Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	
	Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X									X										
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X									X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X									X									
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7					X										X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X									X									
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X									X									
Artificial radionuclide by HR gamma	All	NDPs: 7 Tests: 0	N										N										
Bromate by IC*	All	NDPs: 0 Tests: 7			X									X									
Chlormequat*	All	NDPs: 0 Tests: 7	X									X											
Chlorophyll-a Cold	All	NDPs: 7 Tests: 0					N										N						
Clostridium Perfringens*	All	NDPs: 7 Tests: 0	N														N						
Colour Test	All	NDPs: 0 Tests: 7			X									X									
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X									X									
Cryptosporidium & Giardia*	All	NDPs: 7 Tests: 0					N										N						
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7																	X				X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> X Test </div> <div style="display: flex; align-items: center;"> N No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)														24751040	24751041							
	Customer Sample Reference																					MIN-02A	MIN-02B
	AGS Reference																						
	Depth (m)																						
	Container																						
Sample Type																					SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7		X															X				
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7								X										X			
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X																X				
Epichlorohydrine*	All	NDPs: 0 Tests: 7	X																X				
Escherichia Coli*	All	NDPs: 7 Tests: 0		N																N			
Faecal Streptococci (W)*	All	NDPs: 7 Tests: 0		N																N			
Fluoride	All	NDPs: 0 Tests: 7					X													X			
Glyphosate and AMPA	All	NDPs: 0 Tests: 7																		X			
Gross Alpha Activity*	All	NDPs: 0 Tests: 7		X																X			
Gross beta activity	All	NDPs: 0 Tests: 7		X																X			
Mercury Dissolved	All	NDPs: 0 Tests: 7																					
Metaldehyde	All	NDPs: 0 Tests: 7	X																	X			
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7		X																X			
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7																					X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7																		X			

24753545	MIN-02C			Vial (ALE297)	SW																								
24751041	MIN-02B			Vial (ALE297)	SW																								
				NaOH (ALE245)	SW																								
				HNO3 Unfiltered (ALE204)	SW																								
				HNO3 Filtered (ALE204)	SW																								
				H2SO4 (ALE244)	SW																								
				500ml Plastic (ALE208)	SW																								
				330ml plastic bottle (ALE503)	SW																								
				250ml Amber Gl. PTFE/PE (ALE219)	SW																								
				1plastic (ALE221)	SW																								
				0.5l glass bottle (ALE227)	SW																								
Vial (ALE297)	TS																												



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">X Test</div> <div style="display: flex; align-items: center;">N No Determination Possible</div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type	
	24751040	MIN-02A					
					NaOH (ALE245)	TS	
					HNO3 Unfiltered (ALE204)	TS	
					HNO3 Filtered (ALE204)	TS	
					H2SO4 (ALE244)	TS	
					500ml Plastic (ALE208)	TS	
					330ml plastic bottle (ALE503)	TS	
					250ml Amber GI. PTFE/PE (ALE219)	TS	
					1l plastic (ALE221)	TS	
					0.5l glass bottle (ALE227)	TS	
					Vial (ALE297)	SW	
					NaOH (ALE245)	SW	
					HNO3 Unfiltered (ALE204)	SW	
					HNO3 Filtered (ALE204)	SW	
					H2SO4 (ALE244)	SW	
					500ml Plastic (ALE208)	SW	
					330ml plastic bottle (ALE503)	SW	
					250ml Amber GI. PTFE/PE (ALE219)	SW	
					1l plastic (ALE221)	SW	
					0.5l glass bottle (ALE227)	SW	
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7					
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7					
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7					
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7					
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7					
pH Value	All	NDPs: 0 Tests: 7					
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7					
Total Coliforms(W)*	All	NDPs: 7 Tests: 0					
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7					
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7					
Tritium by Scintillation	All	NDPs: 0 Tests: 7					
Turbidity in waters	All	NDPs: 0 Tests: 7					
TVC 22C 3 day (W)*	All	NDPs: 7 Tests: 0					
TVC 37C 1 day (W)*	All	NDPs: 7 Tests: 0					
TVC 37C 2 day (W)*	All	NDPs: 7 Tests: 0					

24753545	MIN-02C			Vial (ALE297)	SW																			
24751041	MIN-02B			Vial (ALE297)	SW																			
				NaOH (ALE245)	SW																			
				HNO3 Unfiltered (ALE204)	SW																			
				HNO3 Filtered (ALE204)	SW																			
				H2SO4 (ALE244)	SW																			
				500ml Plastic (ALE208)	SW																			
				330ml plastic bottle (ALE503)	SW																			
				250ml Amber Gl. PTFE/PE (ALE219)	SW																			
1plastic (ALE221)	SW																							
0.5l glass bottle (ALE227)	SW	X																						
Vial (ALE297)	TS																							



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553

Results Legend	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
<p>X Test</p> <p>N No Determination Possible</p> <p>Sample Types -</p> <p>S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other</p>	24751040	MIN-02A			NaOH (ALE245) HNO3 Unfiltered (ALE204) HNO3 Filtered (ALE204) H2SO4 (ALE244) 500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber GI. PTFE/PE (ALE219) 1plastic (ALE221) 0.5l glass bottle (ALE227)	TS TS TS TS TS TS TS TS
VOC MS (W)	All	NDPs: 0 Tests: 7			<input checked="" type="checkbox"/>	

24753545	MIN-02C		Vial (ALE297)	SW	X
			NaOH (ALE245)	SW	
			HNO3 Unfiltered (ALE204)	SW	
			HNO3 Filtered (ALE204)	SW	
			H2SO4 (ALE244)	SW	
			500ml Plastic (ALE208)	SW	
			330ml plastic bottle (ALE503)	SW	
			250ml Amber Gl. PTFE/PE (ALE219)	SW	
			1plastic (ALE221)	SW	
			0.5l glass bottle (ALE227)	SW	
			Vial (ALE297)	TS	
					X

24751041	MIN-02B				
----------	---------	--	--	--	--



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553

Results Legend			Customer Sample Ref.		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*@\$ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2,3,6-TBA*	<0.1 µg/l	SUB	<2	<2	<2	<2	<2	<2	<2	
2-Isopropyl-6-methyl-4-pyrimidin ol*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.05	<0.1	<0.1	
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	
Chlormequat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	2910 #	0 #	0 #	0 #	776 #	12600 #		
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.05	<0.04	<0.04	<0.06	<0.04	<0.04	<0.04	
Gross Beta Activity*	<0.1 Bq/l	SUB	0.22	0.44	0.37	0.32	0.56	0.4		
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Amidithion*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Anilazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2	
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Acetamidrid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Azaconazole*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1	
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Buprofezini*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
4-PPP*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benazolin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Desmedipham*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimoxystrobin*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Etoxazole*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Famoxadone*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Famphur*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.								
M	mCERTS accredited.								
sq	Aqueous / settled sample.								
dis.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)							
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
(F)	Trigger breach confirmed	Date Sampled	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021
1-4*§@	Sample deviation (see appendix)	Sample Time	18:00:00	12:30:00	10:45:00	08:47:00	16:40:00	16:00:00	16:00:00
		Date Received	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021
		SDG Ref	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65
		Lab Sample No.(s)	24751039	24751045	24751046	24751047	24751040	24751041	24751041
		AGS Reference							
Component	LOD/Units	Method							
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Fenothiocarb*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BAM*	<0.01 µg/l	SUB	0.017	0.013	0.014	0.012	0.013	0.014	0.014
Fluquinconazole*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Picloram*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB	<0.1	<0.1	0.065	<0.05	<0.1	<0.1	0.11
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Imidacloprid urea*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Methiocarb sulfoxide*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Metrafenone*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Myclobutanil*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Norflurazon*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxadiazon*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxyfluorfen*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Pethoxamid*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Phenmedipham*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Phosmet oxon*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Pyraclostrobin*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Pyridaben*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Quinalphos*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tebufenpyrad*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Thiacloprid*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/08/2021 18:00:00 05/08/2021 210805-65 24751039	Surface Water (SW) 04/08/2021 12:30:00 05/08/2021 210805-65 24751045	Surface Water (SW) 04/08/2021 10:45:00 05/08/2021 210805-65 24751046	Surface Water (SW) 04/08/2021 08:47:00 05/08/2021 210805-65 24751047	Surface Water (SW) 04/08/2021 16:40:00 05/08/2021 210805-65 24751040	Treated Sewage (TS) 04/08/2021 16:00:00 05/08/2021 210805-65 24751041
Component	LOD/Units	Method							
Thiazafurorun*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorotoluron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chloroxuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorpropham*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorpyrifos*	<0.005 µg/l	SUB		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorpyrifos-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Chlorsulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Clodinafop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Clomazone*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Clomeprop*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Clothianidin*	<0.05 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Coumaphos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Crimidine*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Cyanazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Cybutryne (Irgarol)*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1
Cymoxanil*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB		<0.1	<0.1	<0.05	<0.05	<0.1	<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Trietazine*	<0.05 µg/l	SUB	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<1	<1	<0.05	<0.05	<1	<1	<1
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Amino-4-methoxy-6-methyl-1 3 5-triazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Dichlormid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicropfos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.1	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflubenzuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	0.037	<0.04	<0.03	0.021	0.036	0.012	
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957
Location:	Minwroth	Order Number:	60663957
		Report Number:	611633
		Superseded Report:	609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfothion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	<0.03	0.063	0.051	0.042	<0.06	0.112	
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.022
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957
Location:	Minwroth	Order Number:	60663957
		Report Number:	611633
		Superseded Report:	609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	0.026	0.016	0.018	<0.02	<0.03	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	0.018	<0.01	0.018	<0.02	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	<0.01	0.015	<0.01	<0.01	<0.03	<0.03	0.019
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	149	120	107	145	135	77.6	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	7.17	10.7	9.14	7.38	10.2	8.91	#
Organic Carbon, Total	<3 mg/l	TM090	8.55	11.5	9.63	7.38	9.87	8.33	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	0.695	<0.2	<0.2	<0.2	<0.2	#
Fluoride	<0.5 mg/l	TM104	<0.5	0.545	<0.5	<0.5	0.65	0.589	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.606	0.727	0.688	0.777	0.819	0.605	#
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	#
Aluminium (diss.filt)	<10 µg/l	TM152	21.1	35.1	14.5	14.3	32.5	23.6	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.								
M	mCERTS accredited.								
sq	Aqueous / settled sample.								
diss.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*\$@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			Sample Type	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021
			Date Sampled	18:00:00	12:30:00	10:45:00	08:47:00	16:40:00	16:00:00
			Sample Time	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021
			Date Received	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65
			SDG Ref	24751039	24751045	24751046	24751047	24751040	24751041
			Lab Sample No.(s)						
			AGS Reference						
Antimony (diss.filt)	<1 µg/l	TM152		1.13	1.76	1.28	<1	1.16	<1
				#	#	#	#	#	#
Arsenic (diss.filt)	<0.5 µg/l	TM152		1.74	1.6	1.78	1.91	1.45	0.691
				#	#	#	#	#	#
Boron (diss.filt)	<10 µg/l	TM152		260	232	199	172	318	192
				#	#	#	#	#	#
Cadmium (diss.filt)	<0.08 µg/l	TM152		<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
				#	#	#	#	#	#
Chromium (diss.filt)	<1 µg/l	TM152		1.59	1.05	<1	<1	<1	<1
				#	#	#	#	#	#
Copper (diss.filt)	<0.3 µg/l	TM152		4.96	3.9	4.3	3.93	3.95	2.16
				#	#	#	#	#	#
Lead (diss.filt)	<0.2 µg/l	TM152		0.701	7.39	0.579	0.678	1.45	0.514
				#	#	#	#	#	#
Manganese (diss.filt)	<3 µg/l	TM152		49.7	108	32.4	24.6	56.5	47.1
				#	#	#	#	#	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152		248	396	479	411	291	480
				#	#	#	#	#	#
Nickel (diss.filt)	<0.4 µg/l	TM152		10.6	11.6	8.97	4.78	13.8	2.72
				#	#	#	#	#	#
Selenium (diss.filt)	<1 µg/l	TM152		<1	<1	<1	<1	<1	<1
				#	#	#	#	#	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152		45.6	85.6	60.3	61	84.7	55.9
				#	#	#	#	#	#
Iron (Dis.Filt)	<0.019 mg/l	TM152		0.0966	0.125	0.0532	0.0453	0.151	0.197
				#	#	#	#	#	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152		237	222	232	277	260	172
				#	#	#	#	#	#
Mercury (diss.filt)	<0.01 µg/l	TM183		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
Nitrite as NO2	<0.05 mg/l	TM184		0.34	0.764	0.364	0.14	0.289	0.214
				#	#	#	#	#	#
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184		0.255	0.779	1.07	0.983	0.307	0.934
				#	#	#	#	#	#
Sulphate	<2 mg/l	TM184		81.4	87.4	110	118	103	83.3
				#	#	#	#	#	#
Chloride	<2 mg/l	TM184		61.1	94.7	81	83	106	76.7
				#	#	#	#	#	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184		0.0832	0.254	0.348	0.321	0.1	0.305
				#	#	#	#	#	#
Nitrate as NO3	<0.3 mg/l	TM184		19.3	55.1	48.4	38.7	57.9	48.8
				#	#	#	#	#	#
Turbidity	<0.1 ntu	TM195		3.3	2.25	1.71	1.36	2.42	1.5
				#	#	#	#	#	#
Bromide	<0.06 mg/l	TM226		0.153	0.333	0.272	0.215	0.413	0.145
				#	#	#	#	#	#
Cyanide, Total	<0.05 mg/l	TM227		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
				#	#	#	#	#	#
pH	<1 pH Units	TM256		8.12	7.9	7.68	8.13	7.97	7.28
				#	#	#	#	#	#
Apparent Colour	<1 mg/l Pt/Co	TM261		25.7	34.7	35.3	28	43.9	27.4
				#	#	#	#	#	#
True Colour	<1 mg/l Pt/Co	TM261		9.8	22.9	19.4	16.3	25	14
				#	#	#	#	#	#
Trifluralin	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
alpha-HCH	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
Heptachlor	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
Aldrin	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#
beta-HCH	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
				#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Isodrin	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
delta-HCH	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor epoxide	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-DDE	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan I	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-DDE	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dieldrin	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-DDD (TDE)	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-DDT	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-DDD (TDE)	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan II	<0.02 µg/l	TM343		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
p,p'-DDT	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-Methoxychlor	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan Sulphate	<0.02 µg/l	TM343		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Permethrin I	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65	Client Reference: 60663957	Report Number: 611633
Location: Minwroth	Order Number: 60663957	Superseded Report: 609553

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$\$@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Atrazine	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine	<0.01 µg/l	TM344		<0.12	<0.11	<0.1	<0.09	<0.12	0.113
Disulfoton	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Azinphos ethyl	<0.02 µg/l	TM344		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pentachlorobenzene	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Table with columns: Results Legend, Customer Sample Ref., MIN-01, MIN-03, MIN-04, MIN-05, MIN-02A, MIN-02B, Component, LOD/Units, Method. Rows include Telodrin, Terbutryn, Chlorothalonil, Etrimphos, Metazachlor, Cyanazine, Trietazine, Coumaphos, Phosphamidon I, Phosphamidon II, Glyphosate, AMPA, and Metaldehyde.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*@\$ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/08/2021 14:30:00 05/08/2021 210805-65 24753545			
Component	LOD/Units	Method				
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<2			
2-Isopropyl-6-methyl-4-pyrimidin ol*	<0.05 µg/l	SUB	<0.1			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	1360	#		
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.51			
Tritium*	<5 Bq/l	SUB	<5			
2,4,5-T*	<0.01 µg/l	SUB	<0.1			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.1			
Pb-210*	<10 Bq/l	SUB	<10			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.1			
K-40*	<2 Bq/l	SUB	<2			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1			
Acetamidrid*	<0.01 µg/l	SUB	<0.01			
Azaconazole*	<0.05 µg/l	SUB	<0.1			
Pa-231*	<1 Bq/l	SUB	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2			
Acetochlor*	<0.03 µg/l	SUB	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.1			
Ra-223*	<0.2 Bq/l	SUB	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03			
Buprofezinl*	<0.05 µg/l	SUB	<0.1			
Ra-226*	<0.2 Bq/l	SUB	<0.2			
4-PPP*	<0.01 µg/l	SUB	<0.1			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)	Surface Water (SW)				
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type					
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Aclonifen*	<0.03 µg/l	SUB	<0.03				
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.1				
Ra-228*	<0.2 Bq/l	SUB	<0.2				
Acifluorfen*	<0.01 µg/l	SUB	<0.1				
Alachlor*	<0.02 µg/l	SUB	<0.02				
Clofentezine*	<0.05 µg/l	SUB	<0.1				
Th-227*	<0.2 Bq/l	SUB	<0.2				
Aldicarb*	<0.05 µg/l	SUB	<0.05				
Aminopyralid*	<0.05 µg/l	SUB	<0.5				
Cyflufenamid*	<0.05 µg/l	SUB	<0.1				
Th-228*	<0.2 Bq/l	SUB	<0.2				
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01				
Benazolin*	<0.05 µg/l	SUB	<0.5				
Desmedipham*	<0.05 µg/l	SUB	<0.1				
Th-230*	<10 Bq/l	SUB	<10				
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.1				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.1				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.1				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.1				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.3				
Etoxazole*	<0.05 µg/l	SUB	<0.1				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.3				
Famoxadone*	<0.05 µg/l	SUB	<0.1				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.2				
Famphur*	<0.05 µg/l	SUB	<0.1				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*\$@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Dinoseb*	<0.02 µg/l	SUB	<0.2				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.1				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.4				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.1				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.3				
Fenothiocarb*	<0.05 µg/l	SUB	<0.1				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.1				
Fluroxypyr*	<0.02 µg/l	SUB	<0.2				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.1				
loxynil*	<0.01 µg/l	SUB	<0.1				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1				
BAM*	<0.01 µg/l	SUB	<0.02				
Fluquinconazole*	<0.05 µg/l	SUB	<0.1				
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.1				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.1				
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.1				
Picloram*	<0.02 µg/l	SUB	<0.2				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	<0.1				
Propoxycarbazono-sodium*	<0.01 µg/l	SUB	<0.1				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.1				
Triclopyr*	<0.03 µg/l	SUB	<0.3				
Bitertanol*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Imidacloprid urea*	<0.05 µg/l	SUB	<0.1				
Triclosan*	<0.05 µg/l	SUB	<0.5				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfoxide*	<0.05 µg/l	SUB	<0.1				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.1				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.1				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.1				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.1				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<0.1				
Carbetamide*	<0.01 µg/l	SUB	<0.01				
Pethoxamid*	<0.05 µg/l	SUB	<0.1				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.1				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.1				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.1				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.1				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.1				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.1				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.1				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.1				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Thiazafuror*	<0.05 µg/l	SUB	<0.1				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.1				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.1				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.1				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.1				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.1				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflumuron*	<0.05 µg/l	SUB	<0.1				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.1				
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.1				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.1				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.1				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.1				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.1				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.1				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.1				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.1				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.1				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)	Surface Water (SW)				
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type					
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.1				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.1				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.1				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.1				
Trietazine*	<0.05 µg/l	SUB	<0.2				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.1				
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<1				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.1				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				
2-Amino-4-methoxy-6-methyl-1 3 5-triazine*	<0.05 µg/l	SUB	<0.1				
Dichlormid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.1				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxuron*	<0.02 µg/l	SUB	<0.02				
Diflubenzuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.028				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfothion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				
Fipronil*	<0.05 µg/l	SUB	<0.05				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.02				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*\$@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.067				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				
Mandipropamid*	<0.02 µg/l	SUB	<0.02				
Mecarbam*	<0.02 µg/l	SUB	<0.02				
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02				
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Mesotrione*	<0.05 µg/l	SUB	<0.05				
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01				
Metamitron*	<0.03 µg/l	SUB	<0.03				
Metazachlor*	<0.01 µg/l	SUB	<0.01				
Metconazole*	<0.02 µg/l	SUB	<0.02				
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01				
Methamidophos*	<0.01 µg/l	SUB	<0.01				
Methidathion*	<0.01 µg/l	SUB	<0.01				
Methiocarb*	<0.02 µg/l	SUB	<0.01				
Methomyl*	<0.01 µg/l	SUB	<0.01				
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03				
Metobromuron*	<0.03 µg/l	SUB	<0.03				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metoxuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)	Surface Water (SW)				
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type					
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*\$@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Metribuzin*	<0.03 µg/l	SUB	<0.03				
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01				
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Molinate*	<0.01 µg/l	SUB	<0.01				
Monocrotophos*	<0.01 µg/l	SUB	<0.01				
Monolinuron*	<0.02 µg/l	SUB	<0.02				
Monuron*	<0.02 µg/l	SUB	<0.02				
Napropamide*	<0.01 µg/l	SUB	<0.01				
Naptalam*	<0.03 µg/l	SUB	<0.03				
Neburon*	<0.01 µg/l	SUB	<0.01				
Nicosulfuron*	<0.01 µg/l	SUB	<0.01				
Nuarimol*	<0.02 µg/l	SUB	<0.02				
Omethoate*	<0.05 µg/l	SUB	<0.03				
Oxadixyl*	<0.03 µg/l	SUB	<0.03				
Oxamyl*	<0.01 µg/l	SUB	<0.01				
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957
Location:	Minwroth	Order Number:	60663957
		Report Number:	611633
		Superseded Report:	609553

#	ISO17025 accredited.	Customer Sample Ref.	MIN-02C			
M	mCERTS accredited.					
sq	Aqueous / settled sample.					
dis. filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)	Surface Water (SW)			
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021			
1-4*§@	Sample deviation (see appendix)	Sample Time	14:30:00			
		Date Received	05/08/2021			
		SDG Ref	210805-65			
		Lab Sample No.(s)	24753545			
		AGS Reference				
Component	LOD/Units	Method				
Prochloraz*	<0.02 µg/l	SUB	<0.02			
Prodiamine*	<0.05 µg/l	SUB	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05			
Propiconazole*	<0.01 µg/l	SUB	0.018			
Propoxur*	<0.01 µg/l	SUB	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05			
Propyzamide*	<0.01 µg/l	SUB	<0.01			
Prosulfocarb*	<0.01 µg/l	SUB	<0.01			
Prothioconazole*	<0.05 µg/l	SUB	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4\$@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	<0.01				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	111	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	9.89				
Organic Carbon, Total	<3 mg/l	TM090	9.09	◆ #			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	0.592				
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.798	#			
Salinity	<2	TM120	<2				
Aluminium (diss.filt)	<10 µg/l	TM152	25.2	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 **Client Reference:** 60663957 **Report Number:** 611633
Location: Minwroth **Order Number:** 60663957 **Superseded Report:** 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery						
(F)	Trigger breach confirmed						
1-4*\$@	Sample deviation (see appendix)						
Component	LOD/Units	Method					
Antimony (diss.filt)	<1 µg/l	TM152	1.06	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.21	#			
Boron (diss.filt)	<10 µg/l	TM152	300	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	<1	#			
Copper (diss.filt)	<0.3 µg/l	TM152	3.83	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.988	#			
Manganese (diss.filt)	<3 µg/l	TM152	54.2	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	371	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	11.2	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	76.2	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.173	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	249				
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01				
Nitrite as NO2	<0.05 mg/l	TM184	0.248	#			
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.399	#			
Sulphate	<2 mg/l	TM184	103	#			
Chloride	<2 mg/l	TM184	99.5	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.13	#			
Nitrate as NO3	<0.3 mg/l	TM184	56.2				
Turbidity	<0.1 ntu	TM195	1.92	#			
Bromide	<0.06 mg/l	TM226	0.37	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.87	#			
Apparent Colour	<1 mg/l Pt/Co	TM261	31.5				
True Colour	<1 mg/l Pt/Co	TM261	20.3				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis. filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery						
(F)	Trigger breach confirmed						
1-4#&@	Sample deviation (see appendix)						
Component	LOD/Units	Method	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received
							SDG Ref
							Lab Sample No.(s)
							AGS Reference
Isodrin	<0.01 µg/l	TM343		Surface Water (SW)	04/08/2021	14:30:00	210805-65
delta-HCH	<0.01 µg/l	TM343					24753545
Heptachlor epoxide	<0.01 µg/l	TM343					
o,p'-DDE	<0.01 µg/l	TM343					
Endosulphan I	<0.01 µg/l	TM343					
trans-Chlordane	<0.01 µg/l	TM343					
cis-Chlordane	<0.01 µg/l	TM343					
p,p'-DDE	<0.01 µg/l	TM343					
Dieldrin	<0.01 µg/l	TM343					
o,p'-DDD (TDE)	<0.01 µg/l	TM343					
Endrin	<0.01 µg/l	TM343					
o,p'-DDT	<0.01 µg/l	TM343					
p,p'-DDD (TDE)	<0.01 µg/l	TM343					
Endosulphan II	<0.02 µg/l	TM343					
p,p'-DDT	<0.01 µg/l	TM343					
o,p'-Methoxychlor	<0.01 µg/l	TM343					
p,p'-Methoxychlor	<0.01 µg/l	TM343					
Endosulphan Sulphate	<0.02 µg/l	TM343					
Permethrin I	<0.01 µg/l	TM343					
Permethrin II	<0.01 µg/l	TM343					
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344					
Hexachlorobutadiene	<0.01 µg/l	TM344					
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344					
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344					
Dichlorvos	<0.01 µg/l	TM344					
Dichlobenil	<0.01 µg/l	TM344					
Mevinphos	<0.01 µg/l	TM344					
Tecnazene	<0.01 µg/l	TM344					
Hexachlorobenzene	<0.01 µg/l	TM344					
Demeton-S-methyl	<0.01 µg/l	TM344					
Phorate	<0.01 µg/l	TM344					
Diazinon	<0.01 µg/l	TM344					
Triallate	<0.01 µg/l	TM344					



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4*5@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Atrazine	<0.01 µg/l	TM344	<0.01				
Simazine	<0.01 µg/l	TM344	<0.09				
Disulfoton	<0.01 µg/l	TM344	<0.01				
Propetamphos	<0.01 µg/l	TM344	<0.01				
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01				
Dimethoate	<0.01 µg/l	TM344	<0.01				
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01				
Chlorpyrifos	<0.01 µg/l	TM344	<0.01				
Methyl Parathion	<0.01 µg/l	TM344	<0.01				
Malathion	<0.01 µg/l	TM344	<0.01				
Fenthion	<0.01 µg/l	TM344	<0.01				
Fenitrothion	<0.01 µg/l	TM344	<0.01				
Triadimefon	<0.01 µg/l	TM344	<0.01				
Pendimethalin	<0.01 µg/l	TM344	<0.01				
Parathion	<0.01 µg/l	TM344	<0.01				
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.02				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.02				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.	Depth (m)					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Sample Type	Surface Water (SW)				
(F)	Trigger breach confirmed	Date Sampled	04/08/2021				
1-4#&@	Sample deviation (see appendix)	Sample Time	14:30:00				
		Date Received	05/08/2021				
		SDG Ref	210805-65				
		Lab Sample No.(s)	24753545				
		AGS Reference					
Component	LOD/Units	Method					
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.401				
AMPA	<0.1 µg/l	TM413	1.23				
Metalddehyde	<10 ng/l	TM416	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.								
M	mCERTS accredited.								
aq	Aqueous / settled sample.								
diss.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
-	Subcontracted - refer to subcontractor report for accreditation status.								
--	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*5@	Sample deviation (see appendix)								
		Depth (m)							
		Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
		Date Sampled	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021
		Sample Time	18:00:00	12:30:00	10:45:00	08:47:00	16:40:00	16:00:00	16:00:00
		Date Received	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021
		SDG Ref	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65
		Lab Sample No.(s)	24751039	24751045	24751046	24751047	24751040	24751040	24751041
		AGS Reference							
Component	LOD/Units	Method							
Naphthalene (aq)	<0.01 µg/l	TM178	<0.01 #	0.0142 #	<0.01 #	<0.01 #	0.0171 #	0.0399 #	
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005 #	0.00608 #	<0.005 #	<0.005 #	0.00809 #	0.015 #	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.013 #	<0.005 #	
Fluoranthene (aq)	<0.005 µg/l	TM178	0.0106 #	0.00997 #	<0.005 #	0.00611 #	0.0236 #	0.145 #	
Anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	0.00568 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	
Phenanthrene (aq)	<0.005 µg/l	TM178	0.00967 #	0.0152 #	0.00609 #	<0.005 #	0.0305 #	0.207 #	
Fluorene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0106 #	
Chrysene (aq)	<0.005 µg/l	TM178	0.00751 #	<0.005 #	<0.005 #	<0.005 #	0.0169 #	0.082 #	
Pyrene (aq)	<0.005 µg/l	TM178	0.0166 #	0.0104 #	0.00515 #	0.00612 #	0.0208 #	0.109 #	
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0155 #	<0.005 #	<0.005 #	<0.005 #	0.0178 #	0.0416 #	
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.00656 #	<0.005 #	<0.005 #	<0.005 #	0.0108 #	0.0579 #	
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.00549 #	0.0266 #	
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.00458 #	<0.002 #	<0.002 #	<0.002 #	0.00551 #	0.0297 #	
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0148 #	0.0446 #	
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.00608 #	0.0253 #	
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082 #	<0.082 #	<0.082 #	<0.082 #	0.19 #	0.834 #	



CERTIFICATE OF ANALYSIS

SDG: 210805-65 Client Reference: 60663957 Report Number: 611633
Location: Minwroth Order Number: 60663957 Superseded Report: 609553

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN-02C						
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/08/2021 14:30:00 05/08/2021 210805-65 24753545						
M	mCERTS accredited.								
aq	Aqueous / settled sample.								
diss.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*#@	Sample deviation (see appendix)								
Component	LOD/Units			Method					
Naphthalene (aq)	<0.01 µg/l			TM178	0.0252	#			
Acenaphthene (aq)	<0.005 µg/l			TM178	0.0101	#			
Acenaphthylene (aq)	<0.005 µg/l			TM178	0.00842	#			
Fluoranthene (aq)	<0.005 µg/l			TM178	0.0501	#			
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	#					
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0692	#					
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	#					
Chrysene (aq)	<0.005 µg/l	TM178	0.0306	#					
Pyrene (aq)	<0.005 µg/l	TM178	0.0423	#					
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0209	#					
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0197	#					
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.00826	#					
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.00993	#					
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	#					
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0176	#					
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0103	#					
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.322	#					



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. - Subcontracted - refer to subcontractor report for accreditation status. - % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*@\$@ Sample deviation (see appendix)	Depth (m)	Sample Type	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	
		Date Sampled	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
		Sample Time	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021
		Date Received	18:00:00	12:30:00	10:45:00	08:47:00	16:40:00	16:00:00	16:00:00
		SDG Ref	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021
		Lab Sample No.(s)	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65
		AGS Reference	24751039	24751045	24751046	24751047	24751040	24751041	24751041
Component	LOD/Units	Method							
Dibromofluoromethane**	%	TM208	112	111	112	116	117	109	
Toluene-d8**	%	TM208	97.8	98.8	97.5	87	82.5	105	
4-Bromofluorobenzene**	%	TM208	95.3	84.8	104	121	98.9	72.1	
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Chloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Vinyl chloride	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Bromomethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Chloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Carbon disulphide	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Dichloromethane	<3 µg/l	TM208	<3	<3	<3	<3	<3	<3	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Bromochloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Chloroform	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Carbontetrachloride	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Benzene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Trichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Dibromomethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Bromodichloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Toluene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.								
M	mCERTS accredited.								
sq	Aqueous / settled sample.								
dis. filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4**@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			Sample Type	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021
			Date Sampled	18:00:00	12:30:00	10:45:00	08:47:00	16:40:00	16:00:00
			Sample Time	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021	05/08/2021
			Date Received	210805-65	210805-65	210805-65	210805-65	210805-65	210805-65
			SDG Ref	24751039	24751045	24751046	24751047	24751040	24751041
			Lab Sample No.(s)						
			AGS Reference						
Tetrachloroethene	<1 µg/l	TM208		<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1 µg/l	TM208		#	#	#	#	#	#
1,2-Dibromoethane	<1 µg/l	TM208		#	#	#	#	#	#
Chlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208		#	#	#	#	#	#
Ethylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
m,p-Xylene	<1 µg/l	TM208		#	#	#	#	#	#
o-Xylene	<1 µg/l	TM208		#	#	#	#	#	#
Styrene	<1 µg/l	TM208		#	#	#	#	#	#
Bromoform	<1 µg/l	TM208		#	#	#	#	#	#
Isopropylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208		#	#	#	#	#	#
1,2,3-Trichloropropane	<1 µg/l	TM208		#	#	#	#	#	#
Bromobenzene	<1 µg/l	TM208		#	#	#	#	#	#
Propylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
2-Chlorotoluene	<1 µg/l	TM208		#	#	#	#	#	#
1,3,5-Trimethylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
4-Chlorotoluene	<1 µg/l	TM208		#	#	#	#	#	#
tert-Butylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,2,4-Trimethylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
sec-Butylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
4-iso-Propyltoluene	<1 µg/l	TM208		#	#	#	#	#	#
1,3-Dichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,4-Dichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
n-Butylbenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,2-Dichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208		#	#	#	#	#	#
1,2,4-Trichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
Hexachlorobutadiene	<1 µg/l	TM208		#	#	#	#	#	#
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208		#	#	#	#	#	#
Naphthalene	<1 µg/l	TM208		#	#	#	#	#	#
1,2,3-Trichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#
1,3,5-Trichlorobenzene	<1 µg/l	TM208		#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65 Client Reference: 60663957 Report Number: 611633
 Location: Minwroth Order Number: 60663957 Superseded Report: 609553

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02C			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/08/2021 14:30:00 05/08/2021 210805-65 24753545			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*\$@	Sample deviation (see appendix)					
Component	LOD/Units			Method		
Dibromofluoromethane**	%	TM208	110			
Toluene-d8**	%	TM208	97			
4-Bromofluorobenzene**	%	TM208	97.2			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#		
Chloromethane	<1 µg/l	TM208	<1	#		
Vinyl chloride	<1 µg/l	TM208	<1	#		
Bromomethane	<1 µg/l	TM208	<1	#		
Chloroethane	<1 µg/l	TM208	<1	#		
Trichlorofluoromethane	<1 µg/l	TM208	<1	#		
1,1-Dichloroethene	<1 µg/l	TM208	<1	#		
Carbon disulphide	<1 µg/l	TM208	<1	#		
Dichloromethane	<3 µg/l	TM208	<3	#		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
1,1-Dichloroethane	<1 µg/l	TM208	<1	#		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
2,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Bromochloromethane	<1 µg/l	TM208	<1	#		
Chloroform	<1 µg/l	TM208	<1	#		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#		
1,1-Dichloropropene	<1 µg/l	TM208	<1	#		
Carbontetrachloride	<1 µg/l	TM208	<1	#		
1,2-Dichloroethane	<1 µg/l	TM208	<1	#		
Benzene	<1 µg/l	TM208	<1	#		
Trichloroethene	<1 µg/l	TM208	<1	#		
1,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Dibromomethane	<1 µg/l	TM208	<1	#		
Bromodichloromethane	<1 µg/l	TM208	<1	#		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
Toluene	<1 µg/l	TM208	<1	#		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#		
1,3-Dichloropropane	<1 µg/l	TM208	<1	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.						
M	mCERTS accredited.						
sq	Aqueous / settled sample.						
dis.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery						
(F)	Trigger breach confirmed						
1-4*§@	Sample deviation (see appendix)						
Component	LOD/Units	Method	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received
				Surface Water (SW)	04/08/2021	14:30:00	05/08/2021
							210805-65
							24753545
							AGS Reference
Tetrachloroethene	<1 µg/l	TM208	<1				
				#			
Dibromochloromethane	<1 µg/l	TM208	<1				
				#			
1,2-Dibromoethane	<1 µg/l	TM208	<1				
				#			
Chlorobenzene	<1 µg/l	TM208	<1				
				#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1				
				#			
Ethylbenzene	<1 µg/l	TM208	<1				
				#			
m,p-Xylene	<1 µg/l	TM208	<1				
				#			
o-Xylene	<1 µg/l	TM208	<1				
				#			
Styrene	<1 µg/l	TM208	<1				
				#			
Bromoform	<1 µg/l	TM208	<1				
				#			
Isopropylbenzene	<1 µg/l	TM208	<1				
				#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1				
				#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1				
				#			
Bromobenzene	<1 µg/l	TM208	<1				
				#			
Propylbenzene	<1 µg/l	TM208	<1				
				#			
2-Chlorotoluene	<1 µg/l	TM208	<1				
				#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1				
				#			
4-Chlorotoluene	<1 µg/l	TM208	<1				
				#			
tert-Butylbenzene	<1 µg/l	TM208	<1				
				#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1				
				#			
sec-Butylbenzene	<1 µg/l	TM208	<1				
				#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1				
				#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1				
				#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1				
				#			
n-Butylbenzene	<1 µg/l	TM208	<1				
				#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1				
				#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1				
				#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1				
				#			
Hexachlorobutadiene	<1 µg/l	TM208	<1				
				#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1				
				#			
Naphthalene	<1 µg/l	TM208	<1				
				#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1				
				#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1				
				#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Notification of NDPs (No determination possible)

Date Received : 05/08/2021 08:23:52

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
24751039	MIN-01		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751039	MIN-01		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751039	MIN-01		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751039	MIN-01		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751039	MIN-01		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751039	MIN-01		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751039	MIN-01		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751039	MIN-01		Escherichia Coli*	Analytical error made during the processing of sample
24751039	MIN-01		Clostridium Perfringens*	Analytical error made during the processing of sample
24751039	MIN-01		Total Coliforms(W)*	Analytical error made during the processing of sample
24751040	MIN-02A		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751040	MIN-02A		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751040	MIN-02A		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751040	MIN-02A		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751040	MIN-02A		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751040	MIN-02A		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751040	MIN-02A		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751040	MIN-02A		Escherichia Coli*	Analytical error made during the processing of sample
24751040	MIN-02A		Clostridium Perfringens*	Analytical error made during the processing of sample
24751040	MIN-02A		Total Coliforms(W)*	Analytical error made during the processing of sample
24751041	MIN-02B		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751041	MIN-02B		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751041	MIN-02B		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751041	MIN-02B		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751041	MIN-02B		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751041	MIN-02B		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751041	MIN-02B		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751041	MIN-02B		Escherichia Coli*	Analytical error made during the processing of sample
24751041	MIN-02B		Clostridium Perfringens*	Analytical error made during the processing of sample
24751041	MIN-02B		Total Coliforms(W)*	Analytical error made during the processing of sample
24751045	MIN-03		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751045	MIN-03		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751045	MIN-03		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751045	MIN-03		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751045	MIN-03		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751045	MIN-03		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751045	MIN-03		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751045	MIN-03		Escherichia Coli*	Analytical error made during the processing of sample
24751045	MIN-03		Clostridium Perfringens*	Analytical error made during the processing of sample
24751045	MIN-03		Total Coliforms(W)*	Analytical error made during the processing of sample
24751046	MIN-04		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751046	MIN-04		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751046	MIN-04		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751046	MIN-04		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751046	MIN-04		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751046	MIN-04		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751046	MIN-04		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751046	MIN-04		Escherichia Coli*	Analytical error made during the processing of sample
24751046	MIN-04		Clostridium Perfringens*	Analytical error made during the processing of sample
24751046	MIN-04		Total Coliforms(W)*	Analytical error made during the processing of sample
24751047	MIN-05		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24751047	MIN-05		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24751047	MIN-05		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24751047	MIN-05		TVC 22C 3 day (W)*	Analytical error made during the processing of sample
24751047	MIN-05		Chlorophyll-a Cold	Analytical error made during the processing of sample
24751047	MIN-05		Cryptosporidium & Giardia*	Analytical error made during the processing of sample
24751047	MIN-05		Faecal Streptococci (W)*	Analytical error made during the processing of sample
24751047	MIN-05		Escherichia Coli*	Analytical error made during the processing of sample
24751047	MIN-05		Clostridium Perfringens*	Analytical error made during the processing of sample
24751047	MIN-05		Total Coliforms(W)*	Analytical error made during the processing of sample
24753545	MIN-02C		Artificial radionuclide by HR gamma	Analytical error made during the processing of sample
24753545	MIN-02C		TVC 37C 1 day (W)*	Analytical error made during the processing of sample
24753545	MIN-02C		TVC 37C 2 day (W)*	Analytical error made during the processing of sample
24753545	MIN-02C		TVC 22C 3 day (W)*	Analytical error made during the processing of sample



CERTIFICATE OF ANALYSIS

Validated

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minwroth	Order Number:	60663957	Superseded Report:	609553
24753545	MIN-02C	Chlorophyll-a Cold	Analytical error made during the processing of sample		
24753545	MIN-02C	Cryptosporidium & Giardia*	Analytical error made during the processing of sample		
24753545	MIN-02C	Faecal Streptococci (W)*	Analytical error made during the processing of sample		
24753545	MIN-02C	Escherichia Coli*	Analytical error made during the processing of sample		
24753545	MIN-02C	Clostridium Perfringens*	Analytical error made during the processing of sample		
24753545	MIN-02C	Total Coliforms(W)*	Analytical error made during the processing of sample		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Table of Results - Appendix

Table with 3 columns: Method No, Reference, and Description. It lists various analytical methods such as TM043, TM090, TM099, etc., and their corresponding descriptions.

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).



CERTIFICATE OF ANALYSIS

Validated

SDG: 210805-65
Location: Minwroth

Client Reference: 60663957
Order Number: 60663957

Report Number: 611633
Superseded Report: 609553

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.
AGS Ref.
Depth
Type

	24751039	24751045	24751046	24751047	24751040	24751041	24753545
	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	MIN-02C
	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewag	Surface Water
Acid Herbicides by LCMS*	20-Aug-2021	20-Aug-2021	20-Aug-2021	18-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Acrylamide by LCMS (W)*	20-Aug-2021	20-Aug-2021	20-Aug-2021	18-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Alkalinity as CaCO3	09-Aug-2021	09-Aug-2021	11-Aug-2021	09-Aug-2021	07-Aug-2021	10-Aug-2021	07-Aug-2021
Ammoniacal Nitrogen	09-Aug-2021	09-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	09-Aug-2021
Anions by ion Chromatography	10-Aug-2021	10-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	10-Aug-2021	09-Aug-2021
Anions by Kone (w)	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021
Bromate by IC*	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Chlormequat*	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Colour Test	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021
Conductivity (at 20 deg.C)	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021
Cyanide Comp/Free/Total/Thiocyanate	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021
Cyanobacteria (Blue Green algae)*	16-Aug-2021	16-Aug-2021	16-Aug-2021	16-Aug-2021	16-Aug-2021	16-Aug-2021	16-Aug-2021
Dissolved Metals by ICP-MS	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021
Dissolved Organic/Inorganic Carbon	16-Aug-2021	16-Aug-2021	15-Aug-2021	15-Aug-2021	16-Aug-2021	16-Aug-2021	16-Aug-2021
Epichlorohydrin*	20-Aug-2021	20-Aug-2021	18-Aug-2021	18-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Fluoride	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021
Glyphosate and AMPA	13-Aug-2021	12-Aug-2021	13-Aug-2021	12-Aug-2021	12-Aug-2021	13-Aug-2021	13-Aug-2021
Gross Alpha Activity*	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021
Gross beta activity	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021
Mercury Dissolved	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021
Metalddehyde	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021	12-Aug-2021
Natural radionuclide by HR gamma	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021
Nitrite by Kone (w)	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021
PAH Spec MS - Aqueous (W)	13-Aug-2021	13-Aug-2021	13-Aug-2021	13-Aug-2021	13-Aug-2021	13-Aug-2021	13-Aug-2021
Pesticides (Suite I) by GCMS	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021
Pesticides (Suite II) by GCMS	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021
Pesticides (Suite III) by GCMS	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021
Pesticides by GCMS (W-PESLMS02LL)*	20-Aug-2021	20-Aug-2021	20-Aug-2021	18-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Pesticides by GCMS (W-PESLMS07)*	20-Aug-2021	20-Aug-2021	18-Aug-2021	18-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
pH Value	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021
Phosphate by Kone (w)	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021
Total Metals by ICP-MS	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021	09-Aug-2021
Total Organic and Inorganic Carbon	17-Aug-2021	15-Aug-2021	16-Aug-2021	17-Aug-2021	17-Aug-2021	16-Aug-2021	17-Aug-2021
Tritium by Scintillation	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021	20-Aug-2021
Turbidity in waters	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021	06-Aug-2021
VOC MS (W)	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021	10-Aug-2021

Individuals' names and signatures redacted



ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

25 August 2021

Test Report: COV/2178237/2021

Dear Subcon Results

Analysis of your sample(s) received on 06 August 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

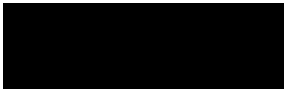
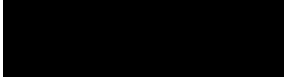
An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 
Name: 

Title: Technical Inorganic Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

Individuals' names and signatures redacted

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**



ANALYSED BY



Date of Issue: **16 August 2021**

Report Number: **COV/2178237/2021**

Issue **1**

This issue replaces all previous issues

Job Description: 2021 Analysis

Job Location: 210805-65

Number of Samples included in this report **7**

Job Received: **06 August 2021**

Number of Test Results included in this report **7**

Analysis Commenced: **10 August 2021**

Signed:

Name:

Date: **16 August 2021**

Title:

Technical Inorganic Manager

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721986**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755211 MIN-01**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-01**

Issue **1**
Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	2909	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721986:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

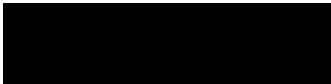

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 16 August 2021
	Title: Technical Inorganic Manager	

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721987**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755315 MIN-02A**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-02A**

Issue **1**
Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	776	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721987:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

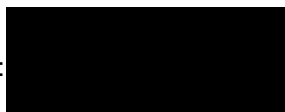
Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **16 August 2021**

Title:

Technical Inorganic Manager

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 3 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721988**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24759684 MIN-02B**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-02B**

Issue **1**
Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	12605	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721988:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **16 August 2021**

Title:

Technical Inorganic Manager

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 4 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721989**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755193 MIN-02C**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-02C**

Issue **1**
Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	1357	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721989:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

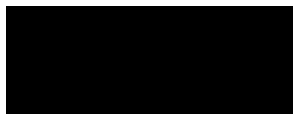
Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **16 August 2021**

Title:

Technical Inorganic Manager

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 5 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721990**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755200 MIN-03**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-03**

Issue **1**
Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	0	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721990:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **16 August 2021**

Title:

Technical Inorganic Manager

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 6 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721991**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755333 MIN-04**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-04**

Issue **1**
Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	0	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721991:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **16 August 2021**

Title:

Technical Inorganic Manager

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 7 of 11

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2178237/2021**
Laboratory Number: **20721992**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **24755351 MIN-05**
Sample Matrix: **Surface Water**
Sample Date/Time: **04 August 2021**
Sample Received: **06 August 2021**
Analysis Complete: **16 August 2021**
SDG: **210805-65**
Sample Reference: **MIN-05**

Issue **1**
Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Algae Blue Greens	0	cells/ml	14/08/2021	Y Cov	W44

Analyst Comments for 20721992:

This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **16 August 2021**
Title: **Technical Inorganic Manager**

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2178237/2021

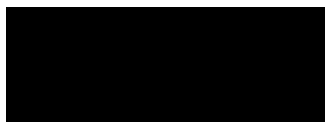
Issue 1

This issue replaces all previous issues

Date of Issue: 16 August 2021

Sample No	Analysis Comments
20721986	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721987	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721988	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721989	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721990	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721991	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.
20721992	This sample has been analysed for Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised.

Signed:



Name: 

Date: **16 August 2021**

Title: **Technical Inorganic Manager**

Individuals' names and signatures redacted



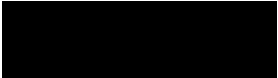

DETERMINAND COMMENTS FOR REPORT COV/2178237/2021

Date of Issue: 16 August 2021

ISSUE 1

This issue replaces
all previous issues

Sample No	Description	Determinand	Comments

Signed: 	Name: 	Date: 16 August 2021
	Title: Technical Inorganic Manager	

Individuals' names and
signatures redacted

Page Intentionally Left Blank



CERTIFICATE OF ANALYSIS

Work Order	: PR2175685	Issue Date	: 18-Aug-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 210805-65	Page	: 1 of 10
Order number	: ----	Date Samples Received	: 11-Aug-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 11-Aug-2021 - 18-Aug-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.
The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.
Sample PR2175685/004 method W-PESLMS02 - LOR for sample raised due to matrix interference and low internal standards recoveries.
Sample(s) PR2175685/005, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)

Individuals' names and
signatures redacted



Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		24759659 MIN-05		24759637 MIN-04		24759676 MIN-05	
				Laboratory sample ID		PR2175685-001		PR2175685-002		PR2175685-003	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:35		06-Aug-2021 09:38	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	----	---	<2.00	---	----	---	----	---
2,4,5-T	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4,5-TP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4-D	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4-DB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---	----	---
2,4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
4-CPP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Acifluorfen	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Amidithion	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Aminopyralid	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	----	---	----	---
Anilazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---	----	---
BAM	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	----	---	----	---	----	---
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Benazolin	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	----	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	----	---	----	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	<0.400	---	----	---		
Diuron	W-PESLMS02	0.010	µg/L	0.021	± 30.0%	----	---	----	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.042	± 30.0%	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	----	---	0.065	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
loxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Isoproturon-monomodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
MCPB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.020	---	----	---	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.020	---	----	---	----	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiazafuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759657 MIN-05		24759656 MIN-05		24759632 MIN-04	
				Laboratory sample ID		PR2175685-004		PR2175685-005		PR2175685-006	
				Client sampling date / time		06-Aug-2021 09:36		06-Aug-2021 09:36		06-Aug-2021 09:34	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	----	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	----	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24759649 MIN-05		----		----	
				Laboratory sample ID		PR2175685-007		----		----	
				Client sampling date / time		06-Aug-2021 09:36		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24759649		----		----	
				Laboratory sample ID		MIN-05		----		----	
				Client sampling date / time		PR2175685-007		----		----	
						06-Aug-2021 09:36		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	----	----	----	----	----
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Triflururon	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	----	----	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values



<i>Analytical Methods</i>	<i>Method Descriptions</i>
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

Individuals' names and signatures redacted

Certificate of Analysis

Report No.: 21-13803-1

Issue No.: 1

Date of Issue 19/08/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 210805-65

Customer Reference: 210805-65

Quotation Reference: 210302/07

Description: 5 water samples

Date Received: 09/08/2021

Date Started: 16/08/2021

Date Completed: 17/08/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-13803-1

Customer Reference: 210805-65

Customer Order No: 210805-65

Customer Sample No	24755244	24755499	24755888	24759642	24759641
Customer Sample ID	MIN-01	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	470732	470733	470734	470735	470736
Sample Type	WATER	WATER	WATER	WATER	WATER
Sampling Date	04/08/2021	04/08/2021	04/08/2021	04/08/2021	04/08/2021

Determinand	CAS No	Codes	SOP	Units	RL					
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 21-13803-1

Customer Reference: 210805-65

Customer Order No: 210805-65

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
470732	24755244		04/08/2021	500ml amber glass bottle	No	
470733	24755499		04/08/2021	500ml amber glass bottle	No	
470734	24755888		04/08/2021	500ml amber glass bottle	No	
470735	24759642		04/08/2021	500ml amber glass bottle	No	
470736	24759641		04/08/2021	500ml amber glass bottle	No	

Report No.: 21-13803-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2174870	Issue Date	: 20-Aug-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdnsbconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 210805-65	Page	: 1 of 23
Order number	: ----	Date Samples Received	: 10-Aug-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 11-Aug-2021 - 20-Aug-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR2174870/019-024 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

Sample(s) PR2174870/031-035, method W-PESLMS07 - LOR for particular sample(s) raised due to matrix interference and low internal standards recoveries.

Sample(s) PR2174870/025-030, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		24755922 MIN-02B		24755642 MIN-02B		24755970 MIN-02B	
				Laboratory sample ID		PR2174870-003		PR2174870-009		PR2174870-016	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021 14:01		05-Aug-2021 14:28	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	----	---	<2.00	---	----	---	----	---
2,4,5-T	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4,5-TP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4-D	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2,4-DB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---	----	---
2,4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	----	---	<1.00	---	----	---
4-CPP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Acifluorfen	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Amidithion	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Aminopyralid	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	----	---	----	---
Anilazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---	----	---
BAM	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	----	---	----	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	----	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bifenoxy	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	----	---	----	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diclofop	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	<0.400	---	----	---		
Diuron	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	----	---	----	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	----	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fensulfotion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Haloxypop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Haloxypop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Haloxypop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.112	± 30.0%	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	----	---	0.110	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Ioxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Linuron	W-PESLMS02	0.020	µg/L	0.022	± 30.0%	----	---	----	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
MCPB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	----	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	----	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.019	± 30.0%	----	---	----	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.100	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24755921 MIN-02B		24755920 MIN-02B		24755933 MIN-02B	
				Laboratory sample ID		PR2174870-021		PR2174870-027		PR2174870-033	
				Client sampling date / time		05-Aug-2021 14:25		05-Aug-2021		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	----	----	----	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	----	----	----		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	----	----	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	<0.300	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	<0.500	----	----	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	----	----	<0.20	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	----	----	----	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		
Triticconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	----	----	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	----	----	<0.100	----		

Sub-Matrix: EFFLUENT				Client sample ID		24755287 MIN-02B		----		----	
				Laboratory sample ID		PR2174870-038		----		----	
				Client sampling date / time		05-Aug-2021 13:19		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	----	----	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		24755215 MIN-01		24755847 MIN-02A		24755615 MIN-02C	
				Laboratory sample ID		PR2174870-001		PR2174870-002		PR2174870-004	
				Client sampling date / time		05-Aug-2021 13:14		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	----	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		24755904 MIN-03		24755544 MIN-04		24756060 MIN-01	
				Laboratory sample ID		PR2174870-005		PR2174870-006		PR2174870-007	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 13:52		05-Aug-2021 14:35	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	----	<5.0	----		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	----	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		24755919 MIN-02A		24756032 MIN-02C		24756046 MIN-03	
				Laboratory sample ID		PR2174870-008		PR2174870-010		PR2174870-011	
				Client sampling date / time		05-Aug-2021 14:24		05-Aug-2021 14:32		05-Aug-2021 14:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		



Sub-Matrix: SURFACE WATER				Client sample ID		24755919 MIN-02A		24756032 MIN-02C		24756046 MIN-03	
				Laboratory sample ID		PR2174870-008		PR2174870-010		PR2174870-011	
				Client sampling date / time		05-Aug-2021 14:24		05-Aug-2021 14:32		05-Aug-2021 14:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24756087 MIN-04		24756163 MIN-05		24755989 MIN-01	
				Laboratory sample ID		PR2174870-012		PR2174870-013		PR2174870-014	
				Client sampling date / time		05-Aug-2021 14:38		05-Aug-2021 14:44		05-Aug-2021 14:29	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	---	---	---	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	---	---	---	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755965 MIN-02A		24755498 MIN-02C		24755881 MIN-03	
				Laboratory sample ID		PR2174870-015		PR2174870-017		PR2174870-018	
				Client sampling date / time		05-Aug-2021 14:28		05-Aug-2021 13:48		05-Aug-2021 14:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755213 MIN-01		24755843 MIN-02A		24755611 MIN-02C	
				Laboratory sample ID		PR2174870-019		PR2174870-020		PR2174870-022	
				Client sampling date / time		05-Aug-2021 13:13		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.017	± 30.0%	0.013	± 30.0%	<0.020	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755213 MIN-01		24755843 MIN-02A		24755611 MIN-02C	
				Laboratory sample ID		PR2174870-019		PR2174870-020		PR2174870-022	
				Client sampling date / time		05-Aug-2021 13:13		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.037	± 30.0%	0.036	± 30.0%	0.028	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755213 MIN-01		24755843 MIN-02A		24755611 MIN-02C	
				Laboratory sample ID		PR2174870-019		PR2174870-020		PR2174870-022	
				Client sampling date / time		05-Aug-2021 13:13		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	<0.030	---	<0.060	---	0.067	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755213 MIN-01		24755843 MIN-02A		24755611 MIN-02C	
				Laboratory sample ID		PR2174870-019		PR2174870-020		PR2174870-022	
				Client sampling date / time		05-Aug-2021 13:13		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.026	± 30.0%	<0.030	---	0.018	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755213 MIN-01		24755843 MIN-02A		24755611 MIN-02C	
				Laboratory sample ID		PR2174870-019		PR2174870-020		PR2174870-022	
				Client sampling date / time		05-Aug-2021 13:13		05-Aug-2021 14:18		05-Aug-2021 13:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quisalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	0.018	± 30.0%	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.030	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	----	---	----	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
2.4-D	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
2.4-DB	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
2-Chloro-2.6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	----	---	----	---	<0.500	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
BAM	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	0.014	± 30.0%	----	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	----	---	----	---	<0.500	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	----	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	----	---	<0.400	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.040	---	<0.030	---	----	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.063	± 30.0%	0.051	± 30.0%	----	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
MCPB	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	0.018	± 30.0%	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propoxycarbazono-sodium	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755902 MIN-03		24755541 MIN-04		24755212 MIN-01	
				Laboratory sample ID		PR2174870-023		PR2174870-024		PR2174870-025	
				Client sampling date / time		05-Aug-2021 14:23		05-Aug-2021 14:24		05-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pyriproxyfen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	----		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	----		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	0.018	± 30.0%	----	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Terbutryn	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	<0.010	---	----	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	----		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	----		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	----	---	<0.500	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		24755840 MIN-02A		24755609 MIN-02C		24755900 MIN-03	
				Laboratory sample ID		PR2174870-026		PR2174870-028		PR2174870-029	
				Client sampling date / time		05-Aug-2021		05-Aug-2021 13:58		05-Aug-2021 14:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24755840 MIN-02A		24755609 MIN-02C		24755900 MIN-03	
				Laboratory sample ID		PR2174870-026		PR2174870-028		PR2174870-029	
				Client sampling date / time		05-Aug-2021		05-Aug-2021 13:58		05-Aug-2021 14:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	<0.400	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755535 MIN-04		24755260 MIN-01		24755956 MIN-02A	
				Laboratory sample ID		PR2174870-030		PR2174870-031		PR2174870-032	
				Client sampling date / time		05-Aug-2021 13:52		05-Aug-2021 13:18		05-Aug-2021 13:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	----	---	----	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<1.00	---	<1.00	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		



Sub-Matrix: SURFACE WATER				Client sample ID		2475535 MIN-04		24755260 MIN-01		24755956 MIN-02A	
				Laboratory sample ID		PR2174870-030		PR2174870-031		PR2174870-032	
				Client sampling date / time		05-Aug-2021 13:52		05-Aug-2021 13:18		05-Aug-2021 13:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Haloxyp-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
loxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		



Sub-Matrix: SURFACE WATER				Client sample ID		2475535 MIN-04		24755260 MIN-01		24755956 MIN-02A	
				Laboratory sample ID		PR2174870-030		PR2174870-031		PR2174870-032	
				Client sampling date / time		05-Aug-2021 13:52		05-Aug-2021 13:18		05-Aug-2021 13:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.20	---	<0.20	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	<0.100	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755501 MIN-02C		24755960 MIN-03		24755208 MIN-01	
				Laboratory sample ID		PR2174870-034		PR2174870-035		PR2174870-036	
				Client sampling date / time		05-Aug-2021		05-Aug-2021 14:27		05-Aug-2021 13:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	----	---	<5.0	---		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<1.00	---	<1.00	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		2475501 MIN-02C		2475596 MIN-03		2475528 MIN-01	
				Laboratory sample ID		PR2174870-034		PR2174870-035		PR2174870-036	
				Client sampling date / time		05-Aug-2021		05-Aug-2021 14:27		05-Aug-2021 13:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	<0.20	---	<0.20	---	----	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		24755313 MIN-02A		24755195 MIN-02C		24755204 MIN-03	
				Laboratory sample ID		PR2174870-037		PR2174870-039		PR2174870-040	
				Client sampling date / time		05-Aug-2021 13:21		05-Aug-2021 13:10		05-Aug-2021 13:12	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24755336 MIN-04		24755353 MIN-05		----	
---------------------------	--	--	--	------------------	--	--------------------	--	--------------------	--	------	--



Sub-Matrix: SURFACE WATER				Client sample ID		24755336 MIN-04		24755353 MIN-05		----	
				Laboratory sample ID		PR2174870-041		PR2174870-042		----	
				Client sampling date / time		05-Aug-2021 13:22		05-Aug-2021 13:24		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	----	----		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-13880-1

Issue No.: 1

Date of Issue 20/08/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 210805-65

Customer Reference: 210805-65

Quotation Reference: 210302/07

Description: 2 water samples

Date Received: 10/08/2021

Date Started: 16/08/2021

Date Completed: 17/08/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-13880-1

Customer Reference: 210805-65

Customer Order No: 210805-65

Customer Sample No	24756005	24756012
Customer Sample ID	MIN-02A	MIN-02B
RPS Sample No	470947	470948
Sample Type	WATER	WATER
Sampling Date	04/08/2021	04/08/2021

Determinand	CAS No	Codes	SOP	Units	RL
chlormequat	999-81-5	N	in house	ug/l	0.1
					< 0.10
					< 0.10

Deviating Samples

Report No.: 21-13880-1

Customer Reference: 210805-65

Customer Order No: 210805-65

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
470947	24756005		04/08/2021	500ml amber glass bottle	No	
470948	24756012		04/08/2021	500ml amber glass bottle	No	

Report No.: 21-13880-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2175688	Issue Date	: 02-Sep-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 210805-65	Page	: 1 of 4
Order number	: ----	Date Samples Received	: 11-Aug-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 11-Aug-2021 - 02-Sep-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 7.8.2021.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

[Redacted signature]

[Redacted signature]

Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		24766109 MIN-02B		24766109 MIN-02B		24766109 MIN-02B	
				Laboratory sample ID		PR2175688-003		PR2175688-010		PR2175688-024	
				Client sampling date / time		07-Aug-2021 09:55		07-Aug-2021 09:55		07-Aug-2021 09:55	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	---	---	---	---	---	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	---	---	0.40	± 17.1%	---	---	---	---
Thorium 234	W-RAD-NAT	2.0	Bq/L	---	---	---	---	<2.0	---	---	---
Thorium 230	W-RAD-NAT	10	Bq/L	---	---	---	---	<10	---	---	---
Radium 226	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Lead 210	W-RAD-NAT	10	Bq/L	---	---	---	---	<10	---	---	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Protactinium 231	W-RAD-NAT	1	Bq/L	---	---	---	---	<1	---	---	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Radium 223	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Radium 228	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	---	---	---	---	<0.20	---	---	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	---	---	---	---	<2.0	---	---	---

Sub-Matrix: SURFACE WATER				Client sample ID		24765780 MIN-01		24767837 MIN-02A		24766123 MIN-02C	
				Laboratory sample ID		PR2175688-001		PR2175688-002		PR2175688-004	
				Client sampling date / time		07-Aug-2021 09:23		07-Aug-2021 12:23		07-Aug-2021 09:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	<0.04	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		24764086 MIN-03		24766131 MIN-04		24765353 MIN-05	
				Laboratory sample ID		PR2175688-005		PR2175688-006		PR2175688-007	
				Client sampling date / time		07-Aug-2021 07:07		07-Aug-2021 09:57		07-Aug-2021 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	<0.06	---	<0.06	---

Sub-Matrix: SURFACE WATER				Client sample ID		24765780 MIN-01		24767837 MIN-02A		24766123 MIN-02C	
				Laboratory sample ID		PR2175688-008		PR2175688-009		PR2175688-011	
				Client sampling date / time		07-Aug-2021 09:23		07-Aug-2021 12:23		07-Aug-2021 09:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.22	± 21.5%	0.56	± 16.1%	0.51	± 16.4%	0.51	± 16.4%

Sub-Matrix: SURFACE WATER				Client sample ID		24764086 MIN-03		24766131 MIN-04		24765353 MIN-05	
				Laboratory sample ID		PR2175688-012		PR2175688-013		PR2175688-014	
				Client sampling date / time		07-Aug-2021 07:07		07-Aug-2021 09:57		07-Aug-2021 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.44	± 16.8%	0.37	± 17.5%	0.32	± 18.3%	0.32	± 18.3%



Sub-Matrix: SURFACE WATER				Client sample ID		24765780 MIN-01		24767837 MIN-02A		24766123 MIN-02C	
				Laboratory sample ID		PR2175688-022		PR2175688-023		PR2175688-025	
				Client sampling date / time		07-Aug-2021 09:23		07-Aug-2021 12:23		07-Aug-2021 09:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		24764086 MIN-03		24766131 MIN-04		24765353 MIN-05	
				Laboratory sample ID		PR2175688-026		PR2175688-027		PR2175688-028	
				Client sampling date / time		07-Aug-2021 07:07		07-Aug-2021 09:57		07-Aug-2021 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides ²⁵) by high resolution gamma-spectrometry and determination of the mass activity index I and ACI by calculation from the measured volumetric activities of individual radionuclides.



A “**” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	210805-65	Client Reference:	60663957	Report Number:	611633
Location:	Minworth	Order Number:	60663957	Superseded Report:	609553

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

19. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung. Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017)*.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention [redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation:	08 December 2021
Customer:	Aecom
Sample Delivery Group (SDG):	210826-144
Your Reference:	60663957
Location:	Minworth
Report No:	625023
Order Number:	

We received 7 samples on Thursday August 26, 2021 and 7 of these samples were scheduled for analysis which was completed on Wednesday October 06, 2021. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

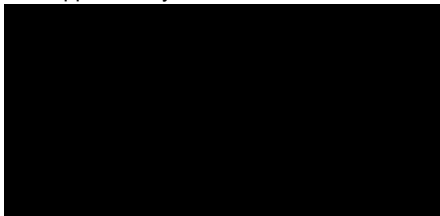
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
24877147	MIN 1			25/08/2021
24877151	MIN 03			25/08/2021
24877153	MIN 04			25/08/2021
24877154	MIN 05			25/08/2021
24877148	MIN 02A			25/08/2021
24877149	MIN 02B			25/08/2021
24877150	MIN 02C			25/08/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	24877147	24877151	24877153	24877154	24877148	24877149	24877150
Customer Sample Reference	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B	MIN 02C
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	SW	SW	SW	SW	TS	SW

Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X



Validated

CERTIFICATE OF ANALYSIS

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend

X Test
N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Results Legend	Lab Sample No(s)		24877147														24877151						
	Customer Sample Reference		MIN 1															MIN 03					
AGS Reference																							
Depth (m)																							
Container			0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1plastic (ALE221)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1plastic (ALE221)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	SW	
Sample Type			SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7				X												X					
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7									X												X
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7				X											X						
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X											X									
Escherichia Coli*	All	NDPs: 0 Tests: 7					X											X					
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7					X											X					
Fluoride	All	NDPs: 0 Tests: 7		X												X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 7					X											X					
Mercury Dissolved	All	NDPs: 0 Tests: 7											X										X
Metaldehyde	All	NDPs: 0 Tests: 7	X												X								
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7										X											
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7					X											X					
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7					X											X					
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X												X								
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7					X									X							X

CERTIFICATE OF ANALYSIS


 SDG: 210826-144
 Client Ref.: 60663957

 Report Number: 625023
 Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)		24877147																	24877151			
	Customer Sample Reference		MIN 1																	MIN 03			
	AGS Reference																						
	Depth (m)																						
	Container		0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	SW	
	Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7				X										X							
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X												X								
pH Value	All	NDPs: 0 Tests: 7				X											X						
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7	X										X										
Total Coliforms(W)*	All	NDPs: 0 Tests: 7				X										X							
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7								X													
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7						X													X		
Turbidity in waters	All	NDPs: 0 Tests: 7				X										X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7				X										X							
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7				X										X							
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7				X										X							
VOC MS (W)	All	NDPs: 0 Tests: 7										X											

24877154	MIN 05			H2SO4 (ALE244)	SW														
				500ml Plastic (ALE208)	SW														
				330ml plastic bottle (ALE503)	SW							X							
				250ml Amber Gl. PTFE/PE (ALE219)	SW									X					
				1plastic (ALE221)	SW														
				1000ml glass bottle (ALE220)	SW							X							
				0.5l glass bottle (ALE227)	SW						X								
24877153	MIN 04			Vial (ALE297)	SW							X							
				NaOH (ALE245)	SW														
				HNO3 Unfiltered (ALE204)	SW							X							
				HNO3 Filtered (ALE204)	SW														
				H2SO4 (ALE244)	SW								X						
				500ml Plastic (ALE208)	SW														
				330ml plastic bottle (ALE503)	SW								X						
				250ml Amber Gl. PTFE/PE (ALE219)	SW							X							
				1plastic (ALE221)	SW									X					
				1000ml glass bottle (ALE220)	SW								X						
				0.5l glass bottle (ALE227)	SW									X					
24877151	MIN 03			Vial (ALE297)	SW														
				NaOH (ALE245)	SW														
				HNO3 Unfiltered (ALE204)	SW								X						
																			X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Table with columns: Results Legend, Lab Sample No(s), Customer Sample Reference, AGS Reference, Depth (m), Container, Sample Type, and various chemical/parameter tests. Includes 'X' for test results and 'N' for no determination possible.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	24877154	MIN 05			250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE221) 1000ml glass bottle (ALE220) 0.5l glass bottle (ALE227) Vial (ALE297)	SW
	24877148	MIN 02A			NaOH (ALE245) HNO3 Unfiltered (ALE204) HNO3 Filtered (ALE204) H2SO4 (ALE244)	SW
	24877149	MIN 02B			500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE221)	SW
	24877154	MIN 05			1000ml glass bottle (ALE220) 0.5l glass bottle (ALE227)	SW
	24877148	MIN 02A			Vial (ALE297)	SW
	24877149	MIN 02B			NaOH (ALE245)	SW
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7				X
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7		X		X
pH Value	All	NDPs: 0 Tests: 7			X	
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7		X		X
Total Coliforms(W)*	All	NDPs: 0 Tests: 7		X		X
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7	X		X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7			X	
Turbidity in waters	All	NDPs: 0 Tests: 7			X	
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7		X		X
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7		X		X
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7		X		X
VOC MS (W)	All	NDPs: 0 Tests: 7	X			X

24877149	MIN 02B		
Vial (ALE297)	SW		X
NaOH (ALE245)	SW		
HNO3 Unfiltered (ALE204)	SW		
HNO3 Filtered (ALE204)	SW		
H2SO4 (ALE244)	SW		
500ml Plastic (ALE208)	SW		
330ml plastic bottle (ALE503)	SW		X
250ml Amber GI. PTFE/PE (ALE219)	SW		
1plastic (ALE221)	SW		X
1000ml glass bottle (ALE220)	SW		
0.5l glass bottle (ALE227)	SW		X
Vial (ALE297)	TS		
NaOH (ALE245)	TS		
HNO3 Unfiltered (ALE204)	TS		X
HNO3 Filtered (ALE204)	TS		
H2SO4 (ALE244)	TS		X
500ml Plastic (ALE208)	TS		
330ml plastic bottle (ALE503)	TS		X
			X
			X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.		MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021	
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1	<1	<1	<1	<2	<1	
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.23	
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Chlorophyll-a HOT*	<4 µg/l	SUB	<4	4.13	<4	<4	<4	4.07	<4	
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>89	50	>100	>100	>100	>100	
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.962	<0.901	<0.909	<0.909	<0.909	<0.909	<0.901	
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0	0	0	0	
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	2	0	2	0	14	37		
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.04	<0.04	<0.05	<0.06	<0.04		
Gross Beta Activity*	<0.1 Bq/l	SUB	0.4	0.46	0.41	0.31	0.44	0.43		
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	1040	>1000	689	>1000	793	1340		
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	258	115	76	112	167	>1000		
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	313	162	113	611	121	>1000		
2,4,5-T*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	71	>100	>100	>100	>100	
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
E.coli presumptive (M17)*	CFU/100ml	SUB	35	20	12	22	>100	>100		
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	2	0	2	0	13	37		
Giardia (B0X)*	<0 cysts/10L	SUB	<0.962	<0.901	<0.909	<0.909	<0.909	<0.901		
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	35	20	12	22	>100	>100	
I-131*	<0.05 Bq/l	SUB	<0.08	0.14	<0.12	<0.095	0.21	<0.1	
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	0.116	
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.23	
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
4-CPP*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Acifluorfen*	<0.01 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aminopyralid*	<0.05 µg/l	SUB	<0.25	<0.25	<0.25	<0.25	<0.5	<0.25	
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzazolin*	<0.05 µg/l	SUB	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dimethylaminosulfanilide*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB		<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dimoxystrobin*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB		<0.3	<0.3	<0.3	<0.3	<0.15	<0.3
Etoxadole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Famoxadone*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB		<0.01	0.012	<0.01	<0.01	0.013	<0.01
Diclofop*	<0.02 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Famphur*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fenamiphos sulfone*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Fenamiphos sulfoxide*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Fenothiocarb*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.2	<0.1
Azoxystrobin*	<0.01 µg/l	SUB		<0.01	0.012	0.011	<0.01	0.016	0.022
Fluopyram*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
Component	LOD/Units	Method	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
BAM*	<0.01 µg/l	SUB		0.023	0.011	0.012	<0.01	0.013	0.01
Fluquinconazole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-toloxoy) butyric acid (MCPB)*	<0.02 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BDMC*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPP (isomers)*	<0.01 µg/l	SUB		<0.05	0.1	0.073	<0.05	0.094	<0.05
Bendiocarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bentazone methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB		<0.05	0.089	0.082	0.052	0.084	0.156
Propoxycarbazone-sodium*	<0.01 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bifenox*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bitertanol*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB		<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Boscalid*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877147	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877151	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877153	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877154	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877148	Treated Sewage (TS) 25/08/2021 26/08/2021 210826-144 24877149
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	0.011	<0.01	<0.01	<0.01	0.015	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	0.035	0.029	0.026	0.019	0.035	0.02	
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*@\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.049	0.084	0.071	0.051	0.082	0.141	
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.027
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
	Date Sampled	Sample Time							
	Date Received	SDG Ref							
	Lab Sample No.(s)	AGS Reference							
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
Component	LOD/Units	Method	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Paclitaxel*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877147	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877151	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877153	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877154	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877148	Treated Sewage (TS) 25/08/2021 26/08/2021 210826-144 24877149
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	0.013	0.015	0.011	0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	<0.01	0.015	0.014	0.01	0.013	0.013	0.013
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled			25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021
Sample Time									
Date Received			26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021
SDG Ref			210826-144	210826-144	210826-144	210826-144	210826-144	210826-144	210826-144
Lab Sample No.(s)			24877147	24877151	24877153	24877154	24877148	24877149	24877149
AGS Reference									
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	183	109	119	144	125	66.9	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	5.99	10.5	9.38	7.17	11.2	8.79	#
Organic Carbon, Total	<3 mg/l	TM090	4.84	9.22	8.66	6.48	10.3	7.97	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	#
Fluoride	<0.5 mg/l	TM104	0.553	0.621	0.575	<0.5	0.729	0.666	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.769	0.687	0.685	0.709	0.786	0.608	#
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	#
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	<10	<10	14.3	<10	#
Antimony (diss.filt)	<1 µg/l	TM152	<1	1.11	1.12	1.02	1.12	<1	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.88	1.54	1.96	1.79	1.42	0.794	#
Boron (diss.filt)	<10 µg/l	TM152	277	214	184	145	326	94.8	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	#
Chromium (diss.filt)	<1 µg/l	TM152	1.63	<1	<1	<1	<1	<1	#
Copper (diss.filt)	<0.3 µg/l	TM152	3.03	2.49	2.92	3.25	2.84	0.657	#
Lead (diss.filt)	<0.2 µg/l	TM152	0.21	<0.2	<0.2	<0.2	0.879	0.216	#
Manganese (diss.filt)	<3 µg/l	TM152	38.8	71.6	12.3	11.7	41.8	50	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	165	299	359	354	290	551	#
Nickel (diss.filt)	<0.4 µg/l	TM152	9.57	13.9	9.97	5.68	14.5	18.7	#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	57.4	62.9	56	53.3	73.5	58.3	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0553	0.0435	0.0224	<0.019	0.0581	0.0442	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	307	215	233	273	240	164	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.412	0.446	0.18	0.084	0.291	0.146	
			#	#	#	#	#	#	#
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.361	0.612	0.807	0.835	0.318	1.24	
			#	#	#	#	#	#	#
Sulphate	<2 mg/l	TM184	121	86.6	95.8	120	99.5	86.6	
			#	#	#	#	#	#	#
Chloride	<2 mg/l	TM184	86.7	90.6	79.2	81.1	107	85.4	
			#	#	#	#	#	#	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.118	0.2	0.263	0.272	0.104	0.404	
			#	#	#	#	#	#	#
Nitrate as NO3	<0.3 mg/l	TM184	29.5	58.6	54	38.6	63.6	54.1	
Turbidity	<0.1 ntu	TM195	2.64	1.33	2.04	3.53	3.81	1.84	
			♦ #	#	#	♦ #	♦ #	#	#
Bromide	<0.06 mg/l	TM226	0.204	0.247	0.188	0.151	0.377	0.141	
			#	#	#	#	#	#	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
									#
pH	<1 pH Units	TM256	8.03	7.53	7.83	8	7.75	6.93	
			#	#	#	#	#	#	#
Apparent Colour	<1 mg/l Pt/Co	TM261	24.9	36.5	32.6	34.4	45.1	34.5	
True Colour	<1 mg/l Pt/Co	TM261	12.5	26.5	21.8	18.8	28.1	20.2	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Aldrin	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Endrin	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02	
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
Component LOD/Units Method	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021	
o,p'-Methoxychlor	<0.01 µg/l TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	
p,p'-Methoxychlor	<0.01 µg/l TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	
Endosulphan Sulphate	<0.02 µg/l TM343	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	
Permethrin I	<0.01 µg/l TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	
Permethrin II	<0.01 µg/l TM343	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	
1,3,5-Trichlorobenzene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Hexachlorobutadiene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,4-Trichlorobenzene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,3-Trichlorobenzene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dichlorvos	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dichlobenil	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Mevinphos	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tecnazene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Hexachlorobenzene	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Demeton-S-methyl	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Phorate	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Diazinon	<0.01 µg/l TM344	<0.01	<0.01	0.0276	0.0225	<0.01	<0.01	<0.01	
Triallate	<0.01 µg/l TM344	<0.01	<0.01	0.0242	<0.01	<0.01	<0.01	<0.01	
Atrazine	<0.01 µg/l TM344	0.016	<0.01	<0.01	<0.01	0.0122	<0.01	<0.01	
Simazine	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Disulfoton	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Propetamphos	<0.01 µg/l TM344	<0.01	<0.01	0.0271	<0.01	<0.01	<0.01	<0.01	
Chlorpyrifos-methyl	<0.01 µg/l TM344	<0.01	<0.01	0.0258	<0.01	<0.01	<0.01	<0.01	
Dimethoate	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Pirimiphos-methyl	<0.01 µg/l TM344	<0.01	<0.01	0.0188	<0.01	<0.01	<0.01	<0.01	
Chlorpyrifos	<0.01 µg/l TM344	<0.01	<0.01	0.0412	<0.01	<0.01	<0.01	<0.01	
Methyl Parathion	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Malathion	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Fenthion	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Fenitrothion	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Triadimefon	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Pendimethalin	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Parathion	<0.01 µg/l TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
Date Sampled			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Time			25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021
Date Received			26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021
SDG Ref			210826-144	210826-144	210826-144	210826-144	210826-144	210826-144	210826-144
Lab Sample No.(s)			24877147	24877151	24877153	24877154	24877148	24877148	24877149
AGS Reference									
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	0.0394	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	0.0237	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	0.0243	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	0.0435	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	0.0263	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	0.0556	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	0.119	<0.02	0.0265	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	0.294	0.41	0.296	0.286	0.404	0.247	
AMPA	<0.1 µg/l	TM413	0.939	1.38	1.26	1.15	1.27	0.848	
Metaldehyde	<10 ng/l	TM416	13.9	37.9	33.7	15.8	59.2	<10	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.					
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unflit Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150			
Component	LOD/Units	Method					
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02				
2,3,6-TBA*	<0.1 µg/l	SUB	<2				
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05				
Acrylamide*	<0.05 µg/l	SUB	<0.05				
Act-227*	<0.2 Bq/l	SUB	<0.21				
Bromate*	<5 µg/l	SUB	<5				
Chlormequat*	<0.1 µg/l	SUB	<0.1				
Chlorophyll-a HOT*	<4 µg/l	SUB	<4				
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100				
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<1.25				
Cs-134*	<0.05 Bq/l	SUB	<0.05				
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0				
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	14				
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5				
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04				
Gross Beta Activity*	<0.1 Bq/l	SUB	0.5				
Tritium*	<5 Bq/l	SUB	<5				
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000				
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	164				
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	271				
2,4,5-T*	<0.01 µg/l	SUB	<0.05				
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02				
Amidithion*	<0.05 µg/l	SUB	<0.05				
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100				
Cs-137*	<0.05 Bq/l	SUB	<0.05				
E.coli presumptive (M17)*	CFU/100ml	SUB	>100				
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	14				
Giardia (B0X)*	<0 cysts/10L	SUB	<1.25				
Pb-210*	<10 Bq/l	SUB	<10				
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100				
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.05				
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01				
Anilazine*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>									
<div style="font-size: small;"> SUB Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150 </div>									
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100						
I-131*	<0.05 Bq/l	SUB	<0.12						
K-40*	<2 Bq/l	SUB	<2						
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100						
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.05						
Acetamiprid*	<0.01 µg/l	SUB	<0.01						
Am-241*	<0.5 Bq/l	SUB	<0.5						
Azaconazole*	<0.05 µg/l	SUB	<0.05						
Pa-231*	<1 Bq/l	SUB	<1						
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.1						
Acetochlor*	<0.03 µg/l	SUB	<0.03						
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05						
Ra-223*	<0.2 Bq/l	SUB	<0.21						
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.05						
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03						
Buprofezin*	<0.05 µg/l	SUB	<0.05						
Ra-226*	<0.2 Bq/l	SUB	<0.2						
4-CPP*	<0.01 µg/l	SUB	<0.05						
Aclonifen*	<0.03 µg/l	SUB	<0.03						
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05						
Ra-228*	<0.2 Bq/l	SUB	<0.2						
Acifluorfen*	<0.01 µg/l	SUB	<0.05						
Alachlor*	<0.02 µg/l	SUB	<0.02						
Clofentazine*	<0.05 µg/l	SUB	<0.05						
Th-227*	<0.2 Bq/l	SUB	<0.2						
Aldicarb*	<0.05 µg/l	SUB	<0.05						
Aminopyralid*	<0.05 µg/l	SUB	<0.5						
Cyflufenamid*	<0.05 µg/l	SUB	<0.05						
Th-228*	<0.2 Bq/l	SUB	<0.2						
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01						
Benzazolin*	<0.05 µg/l	SUB	<0.25						
Desmedipham*	<0.05 µg/l	SUB	<0.05						
Th-230*	<10 Bq/l	SUB	<10						



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix) </div>						
		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 . 26/08/2021 210826-144 24877150			
Component	LOD/Units	Method				
Ametryn*	<0.01 µg/l	SUB	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.05			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05			
Th-234*	<2 Bq/l	SUB	<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.05			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05			
U-235*	<0.2 Bq/l	SUB	<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.15			
Etoxazole*	<0.05 µg/l	SUB	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.15			
Famoxadone*	<0.05 µg/l	SUB	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	0.012			
Diclofop*	<0.02 µg/l	SUB	<0.1			
Famphur*	<0.05 µg/l	SUB	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.1			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01			
Dinoterb*	<0.04 µg/l	SUB	<0.2			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.15			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.2			
Azoxystrobin*	<0.01 µg/l	SUB	0.012			
Fluopyram*	<0.05 µg/l	SUB	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.05			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>						
		Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received
			Surface Water (SW)	25/08/2021		26/08/2021
		SDG Ref	Lab Sample No.(s)	AGS Reference		
		210826-144	24877150			
Component	LOD/Units	Method				
BAM*	<0.01 µg/l	SUB	0.014			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05			
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.1			
BDMC*	<0.02 µg/l	SUB	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	0.078			
Bendiocarb*	<0.01 µg/l	SUB	<0.01			
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.1			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	0.089			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.05			
Bifenox*	<0.04 µg/l	SUB	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.15			
Bitertanol*	<0.02 µg/l	SUB	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.25			
Boscalid*	<0.01 µg/l	SUB	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C					
Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.05				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.05				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.05				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.05				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.05				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafuron*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.05				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflururon*	<0.05 µg/l	SUB	<0.05				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	0.012				
Flutriafol*	<0.05 µg/l	SUB	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05				
Dichlormid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxuron*	<0.02 µg/l	SUB	<0.02				
Diflubenzuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.03				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfothion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	<0.05				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.02				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.088				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C			
Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 25/08/2021 . 26/08/2021 210826-144 24877150			
Component	LOD/Units	Method			
Mandipropamid*	<0.02 µg/l	SUB	<0.02		
Mecarbam*	<0.02 µg/l	SUB	<0.02		
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02		
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02		
Mesotrione*	<0.05 µg/l	SUB	<0.05		
Metaxalyl (isomers)*	<0.01 µg/l	SUB	<0.01		
Metamitron*	<0.03 µg/l	SUB	<0.03		
Metazachlor*	<0.01 µg/l	SUB	<0.01		
Metconazole*	<0.02 µg/l	SUB	<0.02		
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01		
Methamidophos*	<0.01 µg/l	SUB	<0.01		
Methidathion*	<0.01 µg/l	SUB	<0.01		
Methiocarb*	<0.02 µg/l	SUB	<0.01		
Methomyl*	<0.01 µg/l	SUB	<0.01		
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03		
Metobromuron*	<0.03 µg/l	SUB	<0.03		
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01		
Metoxuron*	<0.01 µg/l	SUB	<0.01		
Metribuzin*	<0.03 µg/l	SUB	<0.03		
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01		
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01		
Molinate*	<0.01 µg/l	SUB	<0.01		
Monocrotophos*	<0.01 µg/l	SUB	<0.01		
Monolinuron*	<0.02 µg/l	SUB	<0.02		
Monuron*	<0.02 µg/l	SUB	<0.02		
Napropamide*	<0.01 µg/l	SUB	<0.01		
Naptalam*	<0.03 µg/l	SUB	<0.03		
Neburon*	<0.01 µg/l	SUB	<0.01		
Nicosulfuron*	<0.01 µg/l	SUB	<0.01		
Nuarimol*	<0.02 µg/l	SUB	<0.02		
Omethoate*	<0.05 µg/l	SUB	<0.03		
Oxadixyl*	<0.03 µg/l	SUB	<0.03		
Oxamyl*	<0.01 µg/l	SUB	<0.01		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Prochloraz*	<0.02 µg/l	SUB	<0.02				
Prodiamine*	<0.05 µg/l	SUB	<0.05				
Profenofos*	<0.01 µg/l	SUB	<0.01				
Promecarb*	<0.01 µg/l	SUB	<0.01				
Prometon*	<0.02 µg/l	SUB	<0.02				
Prometryn*	<0.01 µg/l	SUB	<0.01				
Propachlor*	<0.01 µg/l	SUB	<0.01				
Propamocarb*	<0.03 µg/l	SUB	<0.03				
Propanil*	<0.03 µg/l	SUB	<0.03				
Propaquizafop*	<0.03 µg/l	SUB	<0.03				
Propazine*	<0.01 µg/l	SUB	<0.01				
Propham*	<0.05 µg/l	SUB	<0.05				
Propiconazole*	<0.01 µg/l	SUB	<0.01				
Propoxur*	<0.01 µg/l	SUB	<0.01				
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	0.014				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN 02C			
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>					
	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150			
Component	LOD/Units	Method			
Triadimenol*	<0.01 µg/l	SUB	<0.01		
Tri-allate*	<0.05 µg/l	SUB	<0.05		
Triasulfuron*	<0.02 µg/l	SUB	<0.02		
Triazophos*	<0.02 µg/l	SUB	<0.02		
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01		
Tricyclazole*	<0.01 µg/l	SUB	<0.01		
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01		
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01		
Triforine*	<0.05 µg/l	SUB	<0.05		
Triticonazole*	<0.01 µg/l	SUB	<0.01		
Alkalinity, Total as CaCO3	<2 mg/l	TM043	123	#	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	9.7	#	
Organic Carbon, Total	<3 mg/l	TM090	9.12	#	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#	
Fluoride	<0.5 mg/l	TM104	0.628	#	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.752	#	
Salinity	<2	TM120	<2	#	
Aluminium (diss.filt)	<10 µg/l	TM152	<10	#	
Antimony (diss.filt)	<1 µg/l	TM152	1.06	#	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.37	#	
Boron (diss.filt)	<10 µg/l	TM152	278	#	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#	
Chromium (diss.filt)	<1 µg/l	TM152	<1	#	
Copper (diss.filt)	<0.3 µg/l	TM152	2.31	#	
Lead (diss.filt)	<0.2 µg/l	TM152	0.282	#	
Manganese (diss.filt)	<3 µg/l	TM152	41.1	#	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	503	#	
Nickel (diss.filt)	<0.4 µg/l	TM152	14.1	#	
Selenium (diss.filt)	<1 µg/l	TM152	<1	#	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	68.3	#	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0502	#	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	243	#	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref.	MIN 02C				
Component	LOD/Units	Method	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received
				Surface Water (SW)	25/08/2021		26/08/2021
							210826-144
							24877150
							AGS Reference
Nitrite as NO2	<0.05 mg/l	TM184	0.342				#
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.648				#
Sulphate	<2 mg/l	TM184	98.9				#
Chloride	<2 mg/l	TM184	100				#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.211				#
Nitrate as NO3	<0.3 mg/l	TM184	57.2				
Turbidity	<0.1 ntu	TM195	2.52				◆ #
Bromide	<0.06 mg/l	TM226	0.311				#
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.65				#
Apparent Colour	<1 mg/l Pt/Co	TM261	36.6				
True Colour	<1 mg/l Pt/Co	TM261	25.2				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDT	<0.01 µg/l	TM343	<0.01				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				
p,p'-DDT	<0.01 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend	Customer Sample Ref.	MIN 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method				
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02			
Permethrin I	<0.01 µg/l	TM343	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01			
Triallate	<0.01 µg/l	TM344	<0.01			
Atrazine	<0.01 µg/l	TM344	<0.01			
Simazine	<0.01 µg/l	TM344	<0.01			
Disulfoton	<0.01 µg/l	TM344	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01			
Parathion	<0.01 µg/l	TM344	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*% Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.02				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.34				
AMPA	<0.1 µg/l	TM413	1.15				
Metalddehyde	<10 ng/l	TM416	37.1				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
M	mCERTS accredited.			25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021
aq	Aqueous / settled sample.			26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021
diss.filt	Dissolved / filtered sample.			210826-144	210826-144	210826-144	210826-144	210826-144	210826-144
tot.unfilt	Total / unfiltered sample.			24877147	24877151	24877153	24877154	24877148	24877149
	Subcontracted - refer to subcontractor report for accreditation status.								
	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*§@	Sample deviation (see appendix)								
Component	LOD/Units	Method							
Naphthalene (aq)	<0.01 µg/l	TM178		<0.01 #	0.0103 #	<0.01 #	<0.01 #	0.116 #	0.0334
Acenaphthene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0391 #	0.0131
Acenaphthylene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005
Fluoranthene (aq)	<0.005 µg/l	TM178		<0.005 #	0.00771 #	0.00961 #	0.00528 #	0.969 #	0.168
Anthracene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.02 #	<0.005
Phenanthrene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.753 #	0.19
Fluorene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0221 #	0.00813
Chrysene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.569 #	0.098
Pyrene (aq)	<0.005 µg/l	TM178		0.00803 #	0.00719 #	0.00961 #	0.00576 #	0.784 #	0.116
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.154 #	0.0404
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.569 #	0.0806
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.24 #	0.0318
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178		<0.002 #	<0.002 #	<0.002 #	<0.002 #	0.261 #	0.0359
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0484 #	0.00715
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.269 #	0.0452
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.235 #	0.0318
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178		<0.082 #	<0.082 #	<0.082 #	<0.082 #	5.05 #	0.9



CERTIFICATE OF ANALYSIS

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN 02C			
# ISO17025 accredited.						
M mCERTS accredited.						
aq Aqueous / settled sample.		Depth (m)	Surface Water (SW)			
diss.filt Dissolved / filtered sample.		Sample Type	25/08/2021			
tot.unfilt Total / unfiltered sample.		Date Sampled	Sample Time			
* Subcontracted - refer to subcontractor report for accreditation status.		Date Received	SDG Ref			
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery		Lab Sample No.(s)	AGS Reference			
(F) Trigger breach confirmed						
1-4*@ Sample deviation (see appendix)						
Component	LOD/Units	Method				
Naphthalene (aq)	<0.01 µg/l	TM178	0.13	#		
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0576	#		
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	#		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.834	#		
Anthracene (aq)	<0.005 µg/l	TM178	0.0116	#		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.853	#		
Fluorene (aq)	<0.005 µg/l	TM178	0.0327	#		
Chrysene (aq)	<0.005 µg/l	TM178	0.406	#		
Pyrene (aq)	<0.005 µg/l	TM178	0.631	#		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.156	#		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.359	#		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.143	#		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.172	#		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.031	#		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.169	#		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.139	#		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	4.12	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference							
M	mCERTS accredited.			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
aq	Aqueous / settled sample.			25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021
diss.filt	Dissolved / filtered sample.			26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021	26/08/2021
tot.unfilt	Total / unfiltered sample.			210826-144	210826-144	210826-144	210826-144	210826-144	210826-144	210826-144
	Subcontracted - refer to subcontractor report for accreditation status.			24877147	24877151	24877153	24877154	24877148	24877148	24877149
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208	108	113	114	112	113	111		
Toluene-d8**	%	TM208	100	99.8	101	99.9	100	101		
4-Bromofluorobenzene**	%	TM208	96.6	97.3	95.8	96.8	95.1	96.7		
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Surface Water (SW) 25/08/2021	Treated Sewage (TS) 25/08/2021
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN 02C				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	110				
Toluene-d8**	%	TM208	101				
4-Bromofluorobenzene**	%	TM208	97				
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#			
Chloromethane	<1 µg/l	TM208	<1	#			
Vinyl chloride	<1 µg/l	TM208	<1	#			
Bromomethane	<1 µg/l	TM208	<1	#			
Chloroethane	<1 µg/l	TM208	<1	#			
Trichlorofluoromethane	<1 µg/l	TM208	<1	#			
1,1-Dichloroethene	<1 µg/l	TM208	<1	#			
Carbon disulphide	<1 µg/l	TM208	<1	#			
Dichloromethane	<3 µg/l	TM208	<3	#			
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#			
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
1,1-Dichloroethane	<1 µg/l	TM208	<1	#			
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
2,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Bromochloromethane	<1 µg/l	TM208	<1	#			
Chloroform	<1 µg/l	TM208	<1	#			
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#			
1,1-Dichloropropene	<1 µg/l	TM208	<1	#			
Carbontetrachloride	<1 µg/l	TM208	<1	#			
1,2-Dichloroethane	<1 µg/l	TM208	<1	#			
Benzene	<1 µg/l	TM208	<1	#			
Trichloroethene	<1 µg/l	TM208	<1	#			
1,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Dibromomethane	<1 µg/l	TM208	<1	#			
Bromodichloromethane	<1 µg/l	TM208	<1	#			
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
Toluene	<1 µg/l	TM208	<1	#			
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#			
1,3-Dichloropropane	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN 02C Surface Water (SW) 25/08/2021 26/08/2021 210826-144 24877150				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromofom	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210826-144
Client Ref.: 60663957

Report Number: 625023
Location: Minworth

Superseded Report:

Test Completion Dates

Lab Sample No(s)	24877147	24877151	24877153	24877154	24877148	24877149	24877150
Customer Sample Ref.	MIN 1	MIN 03	MIN 04	MIN 05	MIN 02A	MIN 02B	MIN 02C
AGS Ref.							
Depth							
Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water
Acid Herbicides by LCMS*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Acrylamide by LCMS (W)*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Alkalinity as CaCO3	31-Aug-2021	28-Aug-2021	28-Aug-2021	31-Aug-2021	31-Aug-2021	28-Aug-2021	31-Aug-2021
Ammoniacal Nitrogen	01-Sep-2021	02-Sep-2021	02-Sep-2021	01-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021
Anions by ion Chromatography	02-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	02-Sep-2021	03-Sep-2021	02-Sep-2021
Anions by Kone (w)	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021
Artificial radionuclide by HR gamma	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Bromate by IC*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Chloromequat*	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
Chlorophyll-a HOT (BUH)	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
Clostridium Perfringens*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
Colour Test	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021
Conductivity (at 20 deg.C)	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021
Cryptosporidium & Giardia*	06-Oct-2021	06-Oct-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	06-Oct-2021	06-Oct-2021
Cyanide Comp/Free/Total/Thiocyanate	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021
Cyanobacteria (Blue Green algae)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	06-Oct-2021	24-Sep-2021	24-Sep-2021
Dissolved Metals by ICP-MS	31-Aug-2021	01-Sep-2021	01-Sep-2021	31-Aug-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
Dissolved Organic/Inorganic Carbon	04-Sep-2021	04-Sep-2021	04-Sep-2021	04-Sep-2021	04-Sep-2021	04-Sep-2021	04-Sep-2021
Epichlorohydrin*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Escherichia Coli*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
Faecal Streptococci (W)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
Fluoride	02-Sep-2021	01-Sep-2021	02-Sep-2021	02-Sep-2021	01-Sep-2021	02-Sep-2021	02-Sep-2021
Glyphosate and AMPA	10-Sep-2021	10-Sep-2021	10-Sep-2021	10-Sep-2021	10-Sep-2021	10-Sep-2021	10-Sep-2021
Gross Alpha Activity*	04-Oct-2021	04-Oct-2021	04-Oct-2021	06-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Gross beta activity	04-Oct-2021	04-Oct-2021	04-Oct-2021	06-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Mercury Dissolved	31-Aug-2021	01-Sep-2021	01-Sep-2021	31-Aug-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
Metaldehyde	09-Sep-2021	09-Sep-2021	09-Sep-2021	09-Sep-2021	09-Sep-2021	09-Sep-2021	09-Sep-2021
Natural radionuclide by HR gamma	04-Oct-2021	04-Oct-2021	04-Oct-2021	06-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Nitrite by Kone (w)	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
PAH Spec MS - Aqueous (W)	03-Sep-2021	03-Sep-2021	02-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021
Pesticides (Suite I) by GCMS	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021
Pesticides (Suite II) by GCMS	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021	03-Sep-2021
Pesticides (Suite III) by GCMS	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021	02-Sep-2021
Pesticides by GCMS (W-PESLMS02LL)*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Pesticides by GCMS (W-PESLMS07)*	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
pH Value	31-Aug-2021	27-Aug-2021	27-Aug-2021	31-Aug-2021	31-Aug-2021	27-Aug-2021	31-Aug-2021
Phosphate by Kone (w)	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
Total Coliforms(W)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
Total Metals by ICP-MS	01-Sep-2021	01-Sep-2021	01-Sep-2021	31-Aug-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
Total Organic and Inorganic Carbon	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021	01-Sep-2021
Tritium by Scintillation	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Turbidity in waters	31-Aug-2021	27-Aug-2021	27-Aug-2021	31-Aug-2021	31-Aug-2021	27-Aug-2021	31-Aug-2021
TVC 22C 3 day (W)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
TVC 37C 1 day (W)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
TVC 37C 2 day (W)*	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021	24-Sep-2021
VOC MS (W)	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021	31-Aug-2021



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

09 September 2021

Test Report: COV/2187805/2021

Dear Subcon Results

Analysis of your sample(s) received on 25 August 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

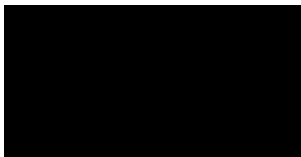
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Organics Chemistry Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **09 September 2021**

Report Number: **COV/2187805/2021**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Number of Samples
included in this report **7**

Job Received: **25 August 2021**

Number of Test Results
included in this report **105**

Analysis Commenced: **27 August 2021**

Signed:



Name:



Date: **09 September 2021**

Title:

Organics Chemistry Manager

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 18

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
Laboratory Number: **20786405**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN 01**
Sample Matrix: **Surface Water**
Sample Date/Time: **25 August 2021**
Sample Received: **25 August 2021**
Analysis Complete: **09 September 2021**

Issue **1**
Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	<4.00	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	313	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	1040	cfu/ml	07/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	35	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	35	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	2	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	2	cfu/100ml	02/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.96154	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	258	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<0.96154	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786405:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus casseliflavus and Enterococcus species TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 09 September 2021
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
Laboratory Number: **20786406**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN 02A**
Sample Matrix: **Surface Water**
Sample Date/Time: **25 August 2021**
Sample Received: **25 August 2021**
Analysis Complete: **09 September 2021**

Issue **1**
Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	4.07	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	121	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	793	cfu/ml	06/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	14	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	13	cfu/100ml	02/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	167	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786406:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus species, Enterococcus faecium, Enterococcus avium and Enterococcus hirae. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

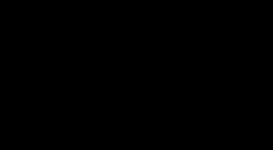

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 09 September 2021
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
 Laboratory Number: **20786407**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN 02B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **25 August 2021**
 Sample Received: **25 August 2021**
 Analysis Complete: **09 September 2021**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	<4.00	ug/l	27/08/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	06/09/2021	N Cov	W1
TVC 22C 3 day	1339	cfu/ml	07/09/2021	N Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	01/09/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	01/09/2021	N Cov	W10
Enterococci presumptive	37	cfu/100ml	01/09/2021	N Cov	W7
Enterococci confirmed	37	cfu/100ml	02/09/2021	N Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	09/09/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	01/09/2021	N Cov	W8
TVC 37C 1 day	308	cfu/ml	05/09/2021	N Cov	W1
Giardia Sample	<0.90090	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	N Cov	W44

Analyst Comments for 20786407:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus faecium and Enterococcus faecalis TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

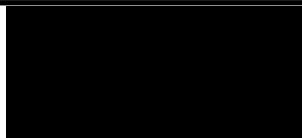
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 09 September 2021

Title: **Organics Chemistry Manager**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
 Laboratory Number: **20786408**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN 02C**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **25 August 2021**
 Sample Received: **25 August 2021**
 Analysis Complete: **09 September 2021**

Issue **1**
 Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	<4.00	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	271	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	06/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	14	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	14	cfu/100ml	02/09/2021	Y Cov	W7
Crypto Sample 4-6um	<1.25000	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	164	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<1.25000	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786408:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus faecium and Enterococcus hirae TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

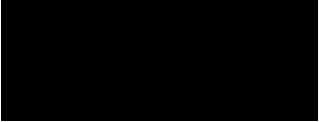

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 09 September 2021
	Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
 Laboratory Number: **20786409**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN 03**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **25 August 2021**
 Sample Received: **25 August 2021**
 Analysis Complete: **09 September 2021**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	4.13	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	162	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	06/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	20	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	20	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	0	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	0	cfu/100ml	01/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>89	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	115	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<0.90090	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786409:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

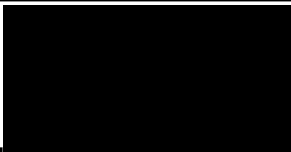
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 09 September 2021

Title: **Organics Chemistry Manager**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
 Laboratory Number: **20786410**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN 04**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **25 August 2021**
 Sample Received: **25 August 2021**
 Analysis Complete: **09 September 2021**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	<4.00	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	71	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	113	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	689	cfu/ml	06/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	12	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	12	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	2	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	2	cfu/100ml	02/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	50	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	76	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786410:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Total coliforms identified as Enterococcus species and Enterococcus mundtii TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

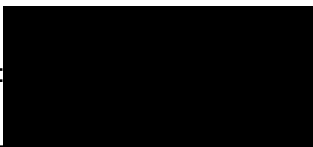
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 09 September 2021

Title: **Organics Chemistry Manager**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2187805/2021**
Laboratory Number: **20786411**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN 05**
Sample Matrix: **Surface Water**
Sample Date/Time: **25 August 2021**
Sample Received: **25 August 2021**
Analysis Complete: **09 September 2021**

Issue **1**
Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	<4.00	ug/l	27/08/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 2 day	611	cfu/ml	06/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	06/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	01/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	01/09/2021	Y Cov	W10
E.coli presumptive	22	cfu/100ml	01/09/2021	Y Cov	W10
Escherichia coli confirmed	22	cfu/100ml	01/09/2021	Y Cov	W10
Enterococci presumptive	0	cfu/100ml	01/09/2021	Y Cov	W7
Enterococci confirmed	0	cfu/100ml	01/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	09/09/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	01/09/2021	Y Cov	W8
TVC 37C 1 day	112	cfu/ml	05/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	09/09/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	01/09/2021	Y Cov	W44

Analyst Comments for 20786411:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 09 September 2021
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2187805/2021

Issue 1

This issue replaces all previous issues

Date of Issue: 09 September 2021

Sample No	Analysis Comments
20786405	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus casseliflavus and Enterococcus species TVC Estimated.
20786406	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus species, Enterococcus faecium, Enterococcus avium and Enterococcus hirae. TVC Estimated.
20786407	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus faecium and Enterococcus faecalis TVC Estimated.
20786408	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Enterococci identified as Enterococcus faecium and Enterococcus hirae TVC Estimated.
20786409	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. TVC Estimated.
20786410	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Total coliforms identified as Enterococcus species and Enterococcus mundtii TVC Estimated.
20786411	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" HOT, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for coliforms and e.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated.

Signed: [Redacted Signature]

Name: [Redacted Name]

Date: **09 September 2021**

Title: **Organics Chemistry Manager**

DETERMINAND COMMENTS FOR REPORT COV/2187805/2021

ISSUE 1

Date of Issue: 09 September 2021

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
20786405	MIN 01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786405	MIN 01	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786405	MIN 01	TVC 22C 3 day	TVC Estimated.
20786405	MIN 01	TVC 37C 2 day	TVC Estimated.
20786405	MIN 01	Enterococci confirmed	Enterococci identified as Enterococcus casseliflavus and Enterococcus species
20786406	MIN 02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786406	MIN 02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786406	MIN 02A	TVC 22C 3 day	TVC Estimated.
20786406	MIN 02A	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecium, Enterococcus avium and Enterococcus hirae
20786407	MIN 02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786407	MIN 02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786407	MIN 02B	TVC 22C 3 day	TVC Estimated.
20786407	MIN 02B	TVC 37C 2 day	TVC Estimated.
20786407	MIN 02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus faecalis
20786407	MIN 02B	TVC 37C 1 day	TVC Estimated.
20786408	MIN 02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786408	MIN 02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786408	MIN 02C	TVC 22C 3 day	TVC Estimated.
20786408	MIN 02C	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus hirae
20786408	MIN 02C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20786409	MIN 03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786409	MIN 03	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786409	MIN 03	TVC 22C 3 day	TVC Estimated.
20786410	MIN 04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786410	MIN 04	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786410	MIN 04	TVC 22C 3 day	TVC Estimated.
20786410	MIN 04	Enterococci confirmed	Total coliforms identified as Enterococcus species and Enterococcus mundtii
20786411	MIN 05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786411	MIN 05	Total Coliform presumpt	Confirmation process not been carried out for coliforms and e.coli due to nature of the sample.
20786411	MIN 05	TVC 22C 3 day	TVC Estimated.
20786411	MIN 05	TVC 37C 2 day	TVC Estimated.
20786411	MIN 05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:		Name: [REDACTED]	Date: 09 September 2021
		Title: Organics Chemistry Manager	

Page Intentionally Left Blank

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-14806-1

Issue No.: 1

Date of Issue 27/09/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 210826-144

Customer Reference: 210826-144

Quotation Reference: 210906/08

Description: 7 water samples

Date Received: 10/09/2021

Date Started: 22/09/2021

Date Completed: 27/09/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-14806-1

Customer Reference: 210826-144

Customer Order No: 210826-144

Customer Sample No	24885072	24883339	24884952	24883688	24883080	24885175	24883808
Customer Sample ID	MIN 02A	MIN 02B	MIN 02C	MIN 03	MIN 04	MIN 05	MIN 1
RPS Sample No	473521	473522	473523	473524	473525	473526	473527
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021	25/08/2021

Determinand	CAS No	Codes	SOP	Units	RL							
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 21-14806-1

Customer Reference: 210826-144

Customer Order No: 210826-144

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
473521	24885072		25/08/2021	500ml amber glass bottle	No	
473522	24883339		25/08/2021	500ml amber glass bottle	No	
473523	24884952		25/08/2021	500ml amber glass bottle	No	
473524	24883688		25/08/2021	500ml amber glass bottle	No	
473525	24883080		25/08/2021	500ml amber glass bottle	No	
473526	24885175		25/08/2021	500ml amber glass bottle	No	
473527	24883808		25/08/2021	500ml amber glass bottle	No	

Report No.: 21-14806-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2184884	Issue Date	: 04-Oct-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 210826-144	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 07-Sep-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 07-Sep-2021 - 04-Oct-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2184884/043-049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 27.8.2021.

The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of

some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

[Redacted signature]

[Redacted signature]

Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		24883298 MIN 02B		24883431 MIN 02B		24883341 MIN 02B	
				Laboratory sample ID		PR2184884-002		PR2184884-009		PR2184884-016	
				Client sampling date / time		27-Aug-2021 11:27		27-Aug-2021 11:32		27-Aug-2021 11:29	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884848 MIN 02B		24883302 MIN 02B	
				Laboratory sample ID		PR2184884-023		PR2184884-030		PR2184884-037	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021		27-Aug-2021 11:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.43	± 16.8%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	0.022	± 30.0%	----	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.010	± 30.0%	----	---
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884848 MIN 02B		24883302 MIN 02B	
				Laboratory sample ID		PR2184884-023		PR2184884-030		PR2184884-037	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021		27-Aug-2021 11:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----	----	----
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----	----	----
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----	----	----
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Difloxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.020	± 30.0%	----	----
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----	----	----
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----	----	----
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----	----	----



Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884848 MIN 02B		24883302 MIN 02B	
				Laboratory sample ID		PR2184884-023		PR2184884-030		PR2184884-037	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021		27-Aug-2021 11:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.141	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	0.027	± 30.0%		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884848 MIN 02B		24883302 MIN 02B	
				Laboratory sample ID		PR2184884-023		PR2184884-030		PR2184884-037	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021		27-Aug-2021 11:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884848 MIN 02B		24883302 MIN 02B	
				Laboratory sample ID		PR2184884-023		PR2184884-030		PR2184884-037	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021		27-Aug-2021 11:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	0.013	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		24883322 MIN 02B		24883286 MIN 02B		24883438 MIN 02B	
				Laboratory sample ID		PR2184884-044		PR2184884-051		PR2184884-058	
				Client sampling date / time		27-Aug-2021 11:28		27-Aug-2021 11:26		27-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.100	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.050	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.050	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	0.116	± 30.0%	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.100	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.050	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		24883322 MIN 02B		24883286 MIN 02B		24883438 MIN 02B	
				Laboratory sample ID		PR2184884-044		PR2184884-051		PR2184884-058	
				Client sampling date / time		27-Aug-2021 11:28		27-Aug-2021 11:26		27-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.250	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.200	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.150	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.156	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24883322 MIN 02B		24883286 MIN 02B		24883438 MIN 02B	
				Laboratory sample ID		PR2184884-044		PR2184884-051		PR2184884-058	
				Client sampling date / time		27-Aug-2021 11:28		27-Aug-2021 11:26		27-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.150	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.250	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884845 MIN 02B		----	
				Laboratory sample ID		PR2184884-065		PR2184884-072		----	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021 12:53		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.23	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.23	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		24884848 MIN 02B		24884845 MIN 02B		----	
				Laboratory sample ID		PR2184884-065		PR2184884-072		----	
				Client sampling date / time		27-Aug-2021 12:53		27-Aug-2021 12:53		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24885073 MIN 02A		24884957 MIN 02C		24883654 MIN 03	
				Laboratory sample ID		PR2184884-001		PR2184884-003		PR2184884-004	
				Client sampling date / time		27-Aug-2021 13:11		27-Aug-2021 13:02		27-Aug-2021 11:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883165 MIN 04		24885184 MIN 05		24883810 MIN 1	
				Laboratory sample ID		PR2184884-005		PR2184884-006		PR2184884-007	
				Client sampling date / time		27-Aug-2021 11:18		27-Aug-2021 13:22		27-Aug-2021 11:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24885114 MIN 02A		24883889 MIN 02C		24883761 MIN 03	
				Laboratory sample ID		PR2184884-008		PR2184884-010		PR2184884-011	
				Client sampling date / time		27-Aug-2021 13:16		27-Aug-2021 11:58		27-Aug-2021 11:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883233 MIN 04		24885172 MIN 05		24883799 MIN 1	
				Laboratory sample ID		PR2184884-012		PR2184884-013		PR2184884-014	
				Client sampling date / time		27-Aug-2021 11:20		27-Aug-2021 13:21		27-Aug-2021 11:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24885075 MIN 02A		24884963 MIN 02C		24883691 MIN 03	
				Laboratory sample ID		PR2184884-015		PR2184884-017		PR2184884-018	
				Client sampling date / time		27-Aug-2021 13:11		27-Aug-2021 13:02		27-Aug-2021 11:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883081 MIN 04		24885186 MIN 05		24883813 MIN 1	
				Laboratory sample ID		PR2184884-019		PR2184884-020		PR2184884-021	
				Client sampling date / time		27-Aug-2021 11:10		27-Aug-2021 13:22		27-Aug-2021 11:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID		24883081 MIN 04		24885186 MIN 05		24883813 MIN 1	
				Laboratory sample ID		PR2184884-019		PR2184884-020		PR2184884-021	
				Client sampling date / time		27-Aug-2021 11:10		27-Aug-2021 13:22		27-Aug-2021 11:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884888 MIN 02A		24884820 MIN 02C		24884881 MIN 03	
				Laboratory sample ID		PR2184884-022		PR2184884-024		PR2184884-025	
				Client sampling date / time		27-Aug-2021 12:55		27-Aug-2021 12:51		27-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.06	---	<0.04	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884179 MIN 04		24884833 MIN 05		24884863 MIN 1	
				Laboratory sample ID		PR2184884-026		PR2184884-027		PR2184884-028	
				Client sampling date / time		27-Aug-2021		27-Aug-2021		27-Aug-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.05	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884888 MIN 02A		24884820 MIN 02C		24884881 MIN 03	
				Laboratory sample ID		PR2184884-029		PR2184884-031		PR2184884-032	
				Client sampling date / time		27-Aug-2021		27-Aug-2021		27-Aug-2021 12:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.44	± 16.8%	0.50	± 16.4%	0.46	± 16.6%	0.46	± 16.6%

Sub-Matrix: SURFACE WATER				Client sample ID		24884179 MIN 04		24884833 MIN 05		24884863 MIN 1	
				Laboratory sample ID		PR2184884-033		PR2184884-034		PR2184884-035	
				Client sampling date / time		27-Aug-2021 12:11		27-Aug-2021 12:52		27-Aug-2021 12:53	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.41	± 17.0%	0.31	± 18.4%	0.40	± 17.2%	0.40	± 17.2%

Sub-Matrix: SURFACE WATER				Client sample ID		24885054 MIN 02A		24883923 MIN 02C		24883675 MIN 03	
				Laboratory sample ID		PR2184884-036		PR2184884-038		PR2184884-039	
				Client sampling date / time		27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---



Sub-Matrix: SURFACE WATER				Client sample ID		24883923		24883675	
				MIN 02A		MIN 02C		MIN 03	
				PR2184884-036		PR2184884-038		PR2184884-039	
				27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43	
				Laboratory sample ID					
				Client sampling date / time					
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Pesticides - Continued									
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	0.012	± 30.0%	0.012	± 30.0%
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	0.012	± 30.0%	0.012	± 30.0%
BAM	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	0.014	± 30.0%	0.011	± 30.0%
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Cadusafof	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Cyproconazole	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.012	± 30.0%	0.011	± 30.0%
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---



Sub-Matrix: SURFACE WATER				Client sample ID		24883923		24883675	
				MIN 02A		MIN 02C		MIN 03	
				PR2184884-036		PR2184884-038		PR2184884-039	
				27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43	
				Laboratory sample ID					
				Client sampling date / time					
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Pesticides - Continued									
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Difenoaxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Diuron	W-PESLMS02	0.010	µg/L	0.035	± 30.0%	0.030	± 30.0%	0.029	± 30.0%
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Imidacloprid	W-PESLMS02	0.010	µg/L	0.082	± 30.0%	0.088	± 30.0%	0.084	± 30.0%
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---



Sub-Matrix: SURFACE WATER				Client sample ID		24885054 MIN 02A		24883923 MIN 02C		24883675 MIN 03	
				Laboratory sample ID		PR2184884-036		PR2184884-038		PR2184884-039	
				Client sampling date / time		27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24885054 MIN 02A		24883923 MIN 02C		24883675 MIN 03	
Laboratory sample ID				PR2184884-036		PR2184884-038		PR2184884-039			
Client sampling date / time				27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	<0.010	---	0.013	± 30.0%		
Terbutryn	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	0.014	± 30.0%	0.015	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24885054 MIN 02A		24883923 MIN 02C		24883675 MIN 03	
				Laboratory sample ID		PR2184884-036		PR2184884-038		PR2184884-039	
				Client sampling date / time		27-Aug-2021 13:08		27-Aug-2021 11:59		27-Aug-2021 11:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883162 MIN 04		24885177 MIN 05		24883776 MIN 1	
				Laboratory sample ID		PR2184884-040		PR2184884-041		PR2184884-042	
				Client sampling date / time		27-Aug-2021 11:17		27-Aug-2021 13:22		27-Aug-2021 11:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	<0.010	---	0.023	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24883162 MIN 04		24885177 MIN 05		24883776 MIN 1	
Laboratory sample ID				PR2184884-040		PR2184884-041		PR2184884-042			
Client sampling date / time				27-Aug-2021 11:17		27-Aug-2021 13:22		27-Aug-2021 11:50			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.026	± 30.0%	0.019	± 30.0%	0.035	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24883162 MIN 04		24885177 MIN 05		24883776 MIN 1	
				Laboratory sample ID		PR2184884-040		PR2184884-041		PR2184884-042	
				Client sampling date / time		27-Aug-2021 11:17		27-Aug-2021 13:22		27-Aug-2021 11:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.071	± 30.0%	0.051	± 30.0%	0.049	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	0.011	± 30.0%		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24883162 MIN 04		24885177 MIN 05		24883776 MIN 1	
Laboratory sample ID				PR2184884-040		PR2184884-041		PR2184884-042			
Client sampling date / time				27-Aug-2021 11:17		27-Aug-2021 13:22		27-Aug-2021 11:50			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24883162 MIN 04		24885177 MIN 05		24883776 MIN 1	
				Laboratory sample ID		PR2184884-040		PR2184884-041		PR2184884-042	
				Client sampling date / time		27-Aug-2021 11:17		27-Aug-2021 13:22		27-Aug-2021 11:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.011	± 30.0%	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	0.010	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24885064 MIN 02A		24883904 MIN 02C		24883632 MIN 03	
				Laboratory sample ID		PR2184884-043		PR2184884-045		PR2184884-046	
				Client sampling date / time		27-Aug-2021 13:09		27-Aug-2021 11:59		27-Aug-2021 11:40	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	<1.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.250	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24885064 MIN 02A		24883904 MIN 02C		24883632 MIN 03	
				Laboratory sample ID		PR2184884-043		PR2184884-045		PR2184884-046	
				Client sampling date / time		27-Aug-2021 13:09		27-Aug-2021 11:59		27-Aug-2021 11:40	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.200	---	<0.200	---	<0.200	---	<0.200	---
DNOC	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---	<0.200	---
loxylinil	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
MCPA	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
MCPB	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.094	± 30.0%	0.078	± 30.0%	0.100	± 30.0%	0.100	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---	<0.250	---

Sub-Matrix: SURFACE WATER				Client sample ID		24883156 MIN 04		24885159 MIN 05		24883784 MIN 1	
				Laboratory sample ID		PR2184884-047		PR2184884-048		PR2184884-049	
				Client sampling date / time		27-Aug-2021 11:16		27-Aug-2021 13:20		27-Aug-2021 11:51	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	<1.00	---	<1.00	---
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
2.4-D	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
2.4-DB	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---	<0.250	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---	<0.250	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---	<0.300	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.200	---	<0.200	---	<0.200	---	<0.200	---
DNOC	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
loxylinil	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
MCPA	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
MCPB	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.073	± 30.0%	<0.050	---	<0.050	---	<0.050	---
Picloram	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---	<0.100	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---	<0.250	---

Sub-Matrix: SURFACE WATER				Client sample ID		24885074 MIN 02A		24884959 MIN 02C		24883653 MIN 03	
				Laboratory sample ID		PR2184884-050		PR2184884-052		PR2184884-053	
				Client sampling date / time		27-Aug-2021 13:11		27-Aug-2021 13:02		27-Aug-2021 11:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		24885074 MIN 02A		24884959 MIN 02C		24883653 MIN 03	
				Laboratory sample ID		PR2184884-050		PR2184884-052		PR2184884-053	
				Client sampling date / time		27-Aug-2021 13:11		27-Aug-2021 13:02		27-Aug-2021 11:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.084	± 30.0%	0.089	± 30.0%	0.089	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24885074 MIN 02A		24884959 MIN 02C		24883653 MIN 03	
				Laboratory sample ID		PR2184884-050		PR2184884-052		PR2184884-053	
				Client sampling date / time		27-Aug-2021 13:11		27-Aug-2021 13:02		27-Aug-2021 11:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883062 MIN 04		24885185 MIN 05		24883812 MIN 1	
				Laboratory sample ID		PR2184884-054		PR2184884-055		PR2184884-056	
				Client sampling date / time		27-Aug-2021 11:08		27-Aug-2021 13:22		27-Aug-2021 11:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		24883062 MIN 04		24885185 MIN 05		24883812 MIN 1	
				Laboratory sample ID		PR2184884-054		PR2184884-055		PR2184884-056	
				Client sampling date / time		27-Aug-2021 11:08		27-Aug-2021 13:22		27-Aug-2021 11:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.082	± 30.0%	0.052	± 30.0%	<0.050	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24885136 MIN 02A		24883728 MIN 02C		24883757 MIN 03	
				Laboratory sample ID		PR2184884-057		PR2184884-059		PR2184884-060	
				Client sampling date / time		27-Aug-2021 11:47		27-Aug-2021		27-Aug-2021 11:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.210	± 30.0%	<0.120	---	0.140	± 40.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		24883262 MIN 04		24885264 MIN 05		24883786 MIN 1	
				Laboratory sample ID		PR2184884-061		PR2184884-062		PR2184884-063	



Sub-Matrix: SURFACE WATER				Client sample ID		24883262 MIN 04		24885264 MIN 05		24883786 MIN 1	
				Laboratory sample ID		PR2184884-061		PR2184884-062		PR2184884-063	
				Client sampling date / time		27-Aug-2021 11:23		27-Aug-2021 13:30		27-Aug-2021 11:51	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.120	---	<0.095	---	<0.080	---	<0.080	---
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884888 MIN 02A		24884820 MIN 02C		24884881 MIN 03	
				Laboratory sample ID		PR2184884-064		PR2184884-066		PR2184884-067	
				Client sampling date / time		27-Aug-2021 12:55		27-Aug-2021 12:51		27-Aug-2021 12:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.21	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.21	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884179 MIN 04		24884833 MIN 05		24884863 MIN 1	
				Laboratory sample ID		PR2184884-068		PR2184884-069		PR2184884-070	
				Client sampling date / time		27-Aug-2021 12:11		27-Aug-2021 12:52		27-Aug-2021 12:53	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		24884887 MIN 02A		24884819 MIN 02C		24884877 MIN 03	
				Laboratory sample ID		PR2184884-071		PR2184884-073		PR2184884-074	
				Client sampling date / time		27-Aug-2021 12:55		27-Aug-2021 12:51		27-Aug-2021 12:54	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID		24884178		24884831		24884862	
				MIN 04		MIN 05		MIN 1			
Laboratory sample ID				PR2184884-075		PR2184884-076		PR2184884-077			
Client sampling date / time				27-Aug-2021 12:11		27-Aug-2021 12:52		27-Aug-2021 12:53			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides ²⁵) by high resolution gamma-spectrometry and determination of the mass activity index I and ACI by calculation from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides ²⁵) by high resolution gamma-spectrometry and determination of the mass activity index I and ACI by calculation from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 210826-144 Client Reference: 60663957 Report Number: 625023
 Location: Minworth Order Number: Superseded Report:

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 25 October 2021
Customer: Aecom
Sample Delivery Group (SDG): 210924-131
Your Reference: 60663957
Location: Minwroth
Report No: 618562
Order Number:

This report has been revised and directly supersedes 617116 in its entirety.

We received 7 samples on Friday September 24, 2021 and 7 of these samples were scheduled for analysis which was completed on Monday October 25, 2021. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

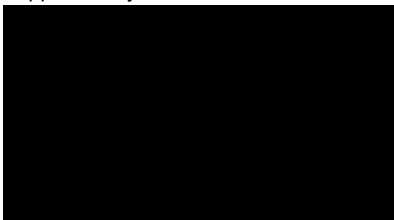
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25040507	MIN-01			23/09/2021
25040511	MIN-03			23/09/2021
25040512	MIN-04			23/09/2021
25040513	MIN-05			23/09/2021
25040508	MIN-02A			23/09/2021
25040509	MIN-02B			23/09/2021
25040510	MIN-02C			23/09/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	25040507	25040511	25040512	25040513	25040508	25040509	25040510
Customer Sample Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	MIN-02C
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	SW	SW	SW	SW	TS	SW

Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend	Lab Sample No(s)		25040507														25040511					
	Customer Sample Reference		MIN-01														MIN-03					
AGS Reference																						
Depth (m)																						
Sample Type		Container																				
		0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X																			X
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X																			X
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X																	X
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7							X													X
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X																	X
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X																	X
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7			X																	X
Bromate by IC*	All	NDPs: 0 Tests: 7			X																	X
Chlormequat*	All	NDPs: 0 Tests: 7	X																			X
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7		X																		X
Clostridium Perfringens*	All	NDPs: 0 Tests: 7							X													X
Colour Test	All	NDPs: 0 Tests: 7			X																	X
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X																	X
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7		X																		X
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7																				X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minworth

Superseded Report: 617116

Results Legend	Lab Sample No(s)		25040507														25040511													
	Customer Sample Reference		MIN-01														MIN-03													
AGS Reference																														
Depth (m)																														
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	NaOH (ALE245)	NaOH (ALE245)				
	Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW		
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7		X												X														
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7							X																	X				
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X											X																
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X											X																
Escherichia Coli*	All	NDPs: 0 Tests: 7					X													X										
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7					X													X										
Fluoride	All	NDPs: 0 Tests: 7			X														X											
Glyphosate and AMPA	All	NDPs: 0 Tests: 7			X														X											
Mercury Dissolved	All	NDPs: 0 Tests: 7							X																X					
Metaldehyde	All	NDPs: 0 Tests: 7	X											X																
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7										X														X				
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7			X													X												
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X											X																
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X											X																
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X											X																

25040513	MIN-05			Vial (ALE297)	SW																	
				NaOH (ALE245)	SW																	
HNO3 Unfiltered (ALE204)	SW																					
HNO3 Filtered (ALE204)	SW			X																		
H2SO4 (ALE244)	SW																					
500ml Plastic (ALE208)	SW									X												
330ml plastic bottle (ALE503)	SW									X												
250ml Amber Gl. PTFE/PE (ALE219)	SW										X											
1plastic (ALE221)	SW																					
0.5l glass bottle (ALE227)	SW			X																		
Vial (ALE297)	SW																					
NaOH (ALE245)	SW																					
HNO3 Unfiltered (ALE204)	SW																					
HNO3 Filtered (ALE204)	SW				X																	
H2SO4 (ALE244)	SW																					
500ml Plastic (ALE208)	SW									X												
330ml plastic bottle (ALE503)	SW									X												
250ml Amber Gl. PTFE/PE (ALE219)	SW										X											
1plastic (ALE221)	SW			X																		
0.5l glass bottle (ALE227)	SW																					
Vial (ALE297)	SW																					
25040512	MIN-04																					
25040511	MIN-03																					



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">X Test</div> <div style="display: flex; align-items: center;">N No Determination Possible</div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)																						
	Customer Sample Reference	25040507	25040511																				
	AGS Reference	MIN-01	MIN-03																				
	Depth (m)																						
	Container			0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X									X											
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X									X											
pH Value	All	NDPs: 0 Tests: 7			X											X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7			X											X							
Total Coliforms(W)*	All	NDPs: 0 Tests: 7				X										X							
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7								X											X		
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7						X														X	
Turbidity in waters	All	NDPs: 0 Tests: 7			X											X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7						X														X	
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7						X														X	
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7						X														X	
VOC MS (W)	All	NDPs: 0 Tests: 7										X											

25040513	MIN-05		NaOH (ALE245)	SW																			X				
			HNO3 Unfiltered (ALE204)	SW																	X						
			HNO3 Filtered (ALE204)	SW																							
			H2SO4 (ALE244)	SW							X																
			500ml Plastic (ALE208)	SW							X																
			330ml plastic bottle (ALE503)	SW																							
			250ml Amber Gl. PTFE/PE (ALE219)	SW																							
			1plastic (ALE221)	SW																							
			0.5l glass bottle (ALE227)	SW																							
			Vial (ALE297)	SW																							X
			NaOH (ALE245)	SW																							
			HNO3 Unfiltered (ALE204)	SW														X									
			HNO3 Filtered (ALE204)	SW																							
H2SO4 (ALE244)	SW										X																
500ml Plastic (ALE208)	SW															X											
330ml plastic bottle (ALE503)	SW															X											
250ml Amber Gl. PTFE/PE (ALE219)	SW																										
1plastic (ALE221)	SW																										
0.5l glass bottle (ALE227)	SW																										
Vial (ALE297)	SW																										
25040512	MIN-04		NaOH (ALE245)	SW																							
			HNO3 Unfiltered (ALE204)	SW																							
			HNO3 Filtered (ALE204)	SW																							
			H2SO4 (ALE244)	SW																							
			500ml Plastic (ALE208)	SW																							
			330ml plastic bottle (ALE503)	SW																							
			250ml Amber Gl. PTFE/PE (ALE219)	SW																							
			1plastic (ALE221)	SW																							
			0.5l glass bottle (ALE227)	SW																							
			Vial (ALE297)	SW																							
			NaOH (ALE245)	SW																							
			HNO3 Unfiltered (ALE204)	SW																							
			HNO3 Filtered (ALE204)	SW																							
H2SO4 (ALE244)	SW																										
500ml Plastic (ALE208)	SW																										
330ml plastic bottle (ALE503)	SW																										
250ml Amber Gl. PTFE/PE (ALE219)	SW																										
1plastic (ALE221)	SW																										
0.5l glass bottle (ALE227)	SW																										
Vial (ALE297)	SW																										
25040511	MIN-03		NaOH (ALE245)	SW																							
			HNO3 Unfiltered (ALE204)	SW																							
			HNO3 Filtered (ALE204)	SW																							
			H2SO4 (ALE244)	SW																							
			500ml Plastic (ALE208)	SW																							
			330ml plastic bottle (ALE503)	SW																							
			250ml Amber Gl. PTFE/PE (ALE219)	SW																							
			1plastic (ALE221)	SW																							
			0.5l glass bottle (ALE227)	SW																							
			Vial (ALE297)	SW																							
			NaOH (ALE245)	SW																							
			HNO3 Unfiltered (ALE204)	SW																							
			HNO3 Filtered (ALE204)	SW																							
H2SO4 (ALE244)	SW																										
500ml Plastic (ALE208)	SW																										
330ml plastic bottle (ALE503)	SW																										
250ml Amber Gl. PTFE/PE (ALE219)	SW																										
1plastic (ALE221)	SW																										
0.5l glass bottle (ALE227)	SW																										
Vial (ALE297)	SW																										



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend	Lab Sample No(s)		25040508																				
	Customer Sample Reference		MIN-02A																				
		AGS Reference																					
		Depth (m)																					
		Container		0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
		Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS		
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7																					
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7																					
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7																					
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7																					
Anions by ion Chromatography	All	NDPs: 0 Tests: 7																					
Anions by Kone (w)	All	NDPs: 0 Tests: 7																					
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7																					
Bromate by IC*	All	NDPs: 0 Tests: 7																					
Chlormequat*	All	NDPs: 0 Tests: 7																					
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7																					
Clostridium Perfringens*	All	NDPs: 0 Tests: 7																					
Colour Test	All	NDPs: 0 Tests: 7																					
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7																					
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7																					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7																					



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minworth

Superseded Report: 617116

Results Legend	Lab Sample No(s)		25040508																			
	Customer Sample Reference		MIN-02A																			
AGS Reference																						
Depth (m)																						
Container		0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X									X										
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7					X										X					
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X								X											
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X								X											
Escherichia Coli*	All	NDPs: 0 Tests: 7		X												X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7		X												X						
Fluoride	All	NDPs: 0 Tests: 7				X									X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 7				X									X							
Mercury Dissolved	All	NDPs: 0 Tests: 7						X										X				
Metaldehyde	All	NDPs: 0 Tests: 7	X								X											
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7							X												X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7			X										X							
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X								X											
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X								X											
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X								X											

25040510	MIN-02C			Vial (ALE297)	SW																							
				NaOH (ALE245)	SW																							
				HNO3 Unfiltered (ALE204)	SW																							
				HNO3 Filtered (ALE204)	SW																							
				H2SO4 (ALE244)	SW																							
				330ml plastic bottle (ALE503)	SW																							
				250ml Amber Gl. PTFE/PE (ALE219)	SW																							
				1plastic (ALE221)	SW	X																						
				0.5l glass bottle (ALE227)	SW																							



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend	Lab Sample No(s)		25040508										25040509										
	Customer Sample Reference		MIN-02A										MIN-02B										
AGS Reference																							
Depth (m)																							
Container		0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X									X											
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X									X											
pH Value	All	NDPs: 0 Tests: 7				X										X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7				X										X							
Total Coliforms(W)*	All	NDPs: 0 Tests: 7		X												X							
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7								X											X		
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7					X										X						
Turbidity in waters	All	NDPs: 0 Tests: 7				X										X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7		X												X							
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7		X												X							
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7		X												X							
VOC MS (W)	All	NDPs: 0 Tests: 7										X											X



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
M	mCERTS accredited.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
aq	Aqueous / settled sample.	Sample Type	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021
diss.filt	Dissolved / filtered sample.	Date Sampled	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021
tot.unfilt	Total / unfiltered sample.	Sample Time	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131
* Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Date Received	SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref
		Lab Sample No.(s)	25040507	25040511	25040512	25040513	25040508	25040509
		AGS Reference						
Component	LOD/Units	Method						
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<2	<2	<2	<2	<2
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.21	<0.2	<0.2	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7	<7	<7	<7	<7	<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>10	>100	>10	>100	>30	>30
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.909	<0.909	<0.917	0.909	<0.909	<0.943
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	407	402	871	246	543	179
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	96	>100	>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.05	<0.04	<0.04	<0.05	<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.51	0.62	0.59	0.46	0.69	0.54
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	468	>1000	>1000	>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	86	>100	>100
Giardia (B0X)*	<0 cysts/10L	SUB	<0.909	<0.909	<0.917	<0.909	<0.909	<0.943
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minworth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.079	0.2	0.16	0.14	0.14	0.14	<0.069
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	0.019	<0.01	<0.01	<0.01	<0.01	<0.015	<0.015
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azacaonazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.21	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.015	<0.015	<0.01	<0.01	<0.01	<0.02	<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	0.078	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	0.022	<0.02	<0.02	<0.01	0.012	<0.01	
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
4-(4-Chloro-o-toloxly) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MCPP (isomers)*	<0.01 µg/l	SUB	0.08	0.082	0.062	<0.04	0.091	0.019	
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Picloram*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Imidacloprid*	<0.05 µg/l	SUB	0.064	0.094	0.091	0.077	0.098	0.182	
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclopyr*	<0.03 µg/l	SUB	<0.06	<0.03	<0.03	<0.03	<0.03	<0.03	
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
Date Sampled	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021
Sample Time	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021
Date Received	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131
SDG Ref	25040507	Surface Water (SW)	25040511	Surface Water (SW)	25040512	Surface Water (SW)	25040513	Surface Water (SW)	25040508
Lab Sample No.(s)		Treated Sewage (TS)		Treated Sewage (TS)		Treated Sewage (TS)		Treated Sewage (TS)	
AGS Reference									
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.06
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method							
Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference			Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Treated Sewage (TS) 23/09/2021	
			24/09/2021 210924-131 25040507	24/09/2021 210924-131 25040511	24/09/2021 210924-131 25040512	24/09/2021 210924-131 25040513	24/09/2021 210924-131 25040508	24/09/2021 210924-131 25040509	
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Diuron*	<0.01 µg/l	SUB	0.052	0.024	<0.03	0.013	0.039	0.014	
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	0.053
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.048	0.086	0.069	0.064	0.074	0.14	0.14
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
Date Sampled	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021	Surface Water (SW)	23/09/2021
Sample Time	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021	Surface Water (SW)	24/09/2021
Date Received	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131	Surface Water (SW)	210924-131
SDG Ref	25040507	Surface Water (SW)	25040511	Surface Water (SW)	25040512	Surface Water (SW)	25040513	Surface Water (SW)	25040508
Lab Sample No.(s)		Treated Sewage (TS)		Treated Sewage (TS)		Treated Sewage (TS)		Treated Sewage (TS)	
AGS Reference									
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Treated Sewage (TS) 23/09/2021
Paclitaxel*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	0.011	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Surface Water (SW) 23/09/2021	Treated Sewage (TS) 23/09/2021
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	0.014
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	0.012	0.011	0.013	<0.01	0.012	0.013
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021
Sample Time									
Date Received	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021
SDG Ref	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131
Lab Sample No.(s)	25040507	25040511	25040512	25040513	25040508	25040509	25040507	25040508	25040509
AGS Reference									
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	187	113	124	151	127	69.9	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.8	8.93	8.96	8.1	9.89	8.88	#
Organic Carbon, Total	<3 mg/l	TM090	<3	8.83	8.04	7.07	9.02	3.84	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	<0.2	<0.2	<0.2	<0.2	0.46	#
Fluoride	<0.5 mg/l	TM104	0.814	0.956	0.931	0.524	0.912	0.67	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.938	0.796	0.791	0.88	0.85	0.655	#
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	#
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	<10	<10	<10	<10	#
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	2.01	1.41	1.53	1.68	1.28	0.964	#
Boron (diss.filt)	<10 µg/l	TM152	321	219	191	167	269	231	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	#
Chromium (diss.filt)	<1 µg/l	TM152	2.19	1.68	1.46	<1	2.23	<1	#
Copper (diss.filt)	<0.3 µg/l	TM152	2.41	0.879	1.79	2.24	1.58	<0.3	#
Lead (diss.filt)	<0.2 µg/l	TM152	<0.2	<0.2	<0.2	<0.2	0.36	0.205	#
Manganese (diss.filt)	<3 µg/l	TM152	24.1	42.6	11.7	16.8	35.8	54.4	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	185	257	350	390	233	755	#
Nickel (diss.filt)	<0.4 µg/l	TM152	12.2	15.5	13.1	7.37	16.6	6.44	#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	73	74.6	67.6	67.9	82.3	62.1	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0453	0.0418	0.024	<0.019	0.0505	0.0441	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	335	208	241	309	246	161	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.297	0.24	0.089	0.068	0.171	0.168	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.338	0.574	0.913	0.971	0.302	1.77	
Sulphate	<2 mg/l	TM184	133	96.6	105	140	102	85.5	
Chloride	<2 mg/l	TM184	118	112	106	107	122	96.7	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.11	0.187	0.298	0.317	0.0985	0.576	
Nitrate as NO3	<0.3 mg/l	TM184	36.7	61.2	60.9	50.3	64.9	66.5	
Turbidity	<0.1 ntu	TM195	1.65	1.41	3.44	2.79	2.97	1.69	
Bromide	<0.06 mg/l	TM226	0.354	0.331	0.32	0.284	0.467	0.137	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
pH	<1 pH Units	TM256	8.22	8.01	7.96	8.12	7.75	6.94	
Apparent Colour	<1 mg/l Pt/Co	TM261	23.2	34.1	33	27.3	36.6	30	
True Colour	<1 mg/l Pt/Co	TM261	11.3	23.6	21.7	17.6	24	17.9	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021
Sample Time									
Date Received	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021	24/09/2021
SDG Ref	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131	210924-131
Lab Sample No.(s)	25040507	25040511	25040512	25040513	25040508	25040509			
AGS Reference									
Component	LOD/Units	Method							
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.01
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Triallate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Atrazine	<0.01 µg/l	TM344	<0.01	0.0161	0.0162	<0.01	0.0215	<0.02	<0.02
Simazine	<0.01 µg/l	TM344	0.284	<0.01	<0.01	<0.01	<0.01	<0.13	<0.13
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*@\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Glyphosate	<0.1 µg/l	TM413	0.171	0.237	0.209	0.152	0.261	0.186	
AMPA	<0.1 µg/l	TM413	0.901	1.28	1.32	1.3	1.23	1.06	
Metaldehyde	<10 ng/l	TM416	39.8	35.5	30	56.6	37.6	<10	



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.					
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unflit Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		MIN-02C Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510			
Component	LOD/Units	Method					
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02				
2,3,6-TBA*	<0.1 µg/l	SUB	<2				
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05				
Acrylamide*	<0.05 µg/l	SUB	<0.05				
Act-227*	<0.2 Bq/l	SUB	<0.2				
Bromate*	<5 µg/l	SUB	<5				
Chlormequat*	<0.1 µg/l	SUB	<0.1				
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7				
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>30				
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.926				
Cs-134*	<0.05 Bq/l	SUB	<0.05				
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	1120				
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100				
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5				
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04				
Gross Beta Activity*	<0.1 Bq/l	SUB	0.68				
Tritium*	<5 Bq/l	SUB	<5				
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000				
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000				
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000				
2,4,5-T*	<0.01 µg/l	SUB	<0.01				
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02				
Amidithion*	<0.05 µg/l	SUB	<0.05				
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100				
Cs-137*	<0.05 Bq/l	SUB	<0.05				
E.coli presumptive (M17)*	CFU/100ml	SUB	>100				
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100				
Giardia (B0X)*	<0 cysts/10L	SUB	<0.926				
Pb-210*	<10 Bq/l	SUB	<10				
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100				
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01				
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01				
Anilazine*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

#	Customer Sample Ref.	MIN-02C	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix) </div>									
<div style="font-size: small;"> SUB Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510 </div>									
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100						
I-131*	<0.05 Bq/l	SUB	0.14						
K-40*	<2 Bq/l	SUB	<2						
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100						
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01						
Acetamiprid*	<0.01 µg/l	SUB	<0.01						
Am-241*	<0.5 Bq/l	SUB	<0.5						
Azaconazole*	<0.05 µg/l	SUB	<0.05						
Pa-231*	<1 Bq/l	SUB	<1						
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02						
Acetochlor*	<0.03 µg/l	SUB	<0.03						
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05						
Ra-223*	<0.2 Bq/l	SUB	<0.2						
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.015						
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03						
Buprofezin*	<0.05 µg/l	SUB	<0.05						
Ra-226*	<0.2 Bq/l	SUB	<0.2						
4-CPP*	<0.01 µg/l	SUB	<0.01						
Aclonifen*	<0.03 µg/l	SUB	<0.03						
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05						
Ra-228*	<0.2 Bq/l	SUB	<0.2						
Acifluorfen*	<0.01 µg/l	SUB	<0.01						
Alachlor*	<0.02 µg/l	SUB	<0.02						
Clofentazine*	<0.05 µg/l	SUB	<0.05						
Th-227*	<0.2 Bq/l	SUB	<0.2						
Aldicarb*	<0.05 µg/l	SUB	<0.05						
Aminopyralid*	<0.05 µg/l	SUB	<0.25						
Cyflufenamid*	<0.05 µg/l	SUB	<0.05						
Th-228*	<0.2 Bq/l	SUB	<0.2						
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01						
Benzazolin*	<0.05 µg/l	SUB	<0.05						
Desmedipham*	<0.05 µg/l	SUB	<0.05						
Th-230*	<10 Bq/l	SUB	<10						



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.01				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.01				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.06				
Etoxazole*	<0.05 µg/l	SUB	<0.05				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.03				
Famoxadone*	<0.05 µg/l	SUB	<0.05				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.02				
Famphur*	<0.05 µg/l	SUB	<0.05				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.02				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.04				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.03				
Fenothiocarb*	<0.05 µg/l	SUB	<0.05				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.05				
Fluroxypyr*	<0.02 µg/l	SUB	<0.06				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.05				
loxynil*	<0.01 µg/l	SUB	<0.01				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend	Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method				
BAM*	<0.01 µg/l	SUB	0.012			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05			
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02			
BDMC*	<0.02 µg/l	SUB	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	0.084			
Bendiocarb*	<0.01 µg/l	SUB	<0.01			
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.02			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	0.103			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.01			
Bifenox*	<0.04 µg/l	SUB	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.03			
Bitertanol*	<0.02 µg/l	SUB	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.05			
Boscalid*	<0.01 µg/l	SUB	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.05				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.05				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.05				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.05				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.05				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafuron*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.05				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflururon*	<0.05 µg/l	SUB	<0.05				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05				
Dichlormid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxyuron*	<0.02 µg/l	SUB	<0.02				
Diflubenzuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.038				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfothion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	<0.1				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.02				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.078				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

#	Customer Sample Ref.	MIN-02C			
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix) </div>					
		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510		
Component	LOD/Units	Method			
Mandipropamid*	<0.02 µg/l	SUB	<0.02		
Mecarbam*	<0.02 µg/l	SUB	<0.02		
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02		
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02		
Mesotrione*	<0.05 µg/l	SUB	<0.05		
Metallaxyl (isomers)*	<0.01 µg/l	SUB	<0.01		
Metamitron*	<0.03 µg/l	SUB	<0.03		
Metazachlor*	<0.01 µg/l	SUB	<0.01		
Metconazole*	<0.02 µg/l	SUB	<0.02		
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01		
Methamidophos*	<0.01 µg/l	SUB	<0.01		
Methidathion*	<0.01 µg/l	SUB	<0.01		
Methiocarb*	<0.02 µg/l	SUB	<0.01		
Methomyl*	<0.01 µg/l	SUB	<0.01		
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03		
Metobromuron*	<0.03 µg/l	SUB	<0.03		
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01		
Metoxuron*	<0.01 µg/l	SUB	<0.01		
Metribuzin*	<0.03 µg/l	SUB	<0.03		
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01		
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01		
Molinate*	<0.01 µg/l	SUB	<0.01		
Monocrotophos*	<0.01 µg/l	SUB	<0.01		
Monolinuron*	<0.02 µg/l	SUB	<0.02		
Monuron*	<0.02 µg/l	SUB	<0.02		
Napropamide*	<0.01 µg/l	SUB	<0.01		
Naptalam*	<0.03 µg/l	SUB	<0.03		
Neburon*	<0.01 µg/l	SUB	<0.01		
Nicosulfuron*	<0.01 µg/l	SUB	<0.01		
Nuarimol*	<0.02 µg/l	SUB	<0.02		
Omethoate*	<0.05 µg/l	SUB	<0.03		
Oxadixyl*	<0.03 µg/l	SUB	<0.03		
Oxamyl*	<0.01 µg/l	SUB	<0.01		



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend <small># ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)</small>	Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-02C Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method				
Paclobutrazol*	<0.02 µg/l	SUB	<0.02			
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02			
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02			
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05			
Penconazole*	<0.02 µg/l	SUB	<0.02			
Pencycuron*	<0.02 µg/l	SUB	<0.02			
Pendimethalin*	<0.03 µg/l	SUB	<0.03			
Phorate*	<0.03 µg/l	SUB	<0.03			
Phosalone*	<0.01 µg/l	SUB	<0.01			
Phosmet*	<0.05 µg/l	SUB	<0.05			
Phosphamidon*	<0.01 µg/l	SUB	<0.01			
Picloram*	<0.05 µg/l	SUB	<0.05			
Picoxystrobin*	<0.01 µg/l	SUB	<0.01			
Pirimicarb*	<0.01 µg/l	SUB	<0.01			
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02			
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01			
Pretilachlor*	<0.02 µg/l	SUB	<0.02			
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02			
Prochloraz*	<0.02 µg/l	SUB	<0.02			
Prodiamine*	<0.05 µg/l	SUB	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05			
Propiconazole*	<0.01 µg/l	SUB	0.011			
Propoxur*	<0.01 µg/l	SUB	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-02C Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	<0.01				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	117	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	8.96	#			
Organic Carbon, Total	<3 mg/l	TM090	8.41	#			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	0.856	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.82	#			
Salinity	<2	TM120	<2	#			
Aluminium (diss.filt)	<10 µg/l	TM152	<10	#			
Antimony (diss.filt)	<1 µg/l	TM152	<1	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.41	#			
Boron (diss.filt)	<10 µg/l	TM152	269	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	2.07	#			
Copper (diss.filt)	<0.3 µg/l	TM152	1.24	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.255	#			
Manganese (diss.filt)	<3 µg/l	TM152	35.7	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	324	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	14.1	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	77.6	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0453	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	222	#			
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 23/09/2021 . 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Nitrite as NO2	<0.05 mg/l	TM184	0.183	#			
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.579	#			
Sulphate	<2 mg/l	TM184	102	#			
Chloride	<2 mg/l	TM184	118	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.189	#			
Nitrate as NO3	<0.3 mg/l	TM184	64.5				
Turbidity	<0.1 ntu	TM195	2.21	◆ #			
Bromide	<0.06 mg/l	TM226	0.424	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.67	#			
Apparent Colour	<1 mg/l Pt/Co	TM261	33.2				
True Colour	<1 mg/l Pt/Co	TM261	21.9				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDT	<0.01 µg/l	TM343	<0.01				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				
p,p'-DDT	<0.01 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-02C Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01				
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02				
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02				
Permethrin I	<0.01 µg/l	TM343	<0.01				
Permethrin II	<0.01 µg/l	TM343	<0.01				
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01				
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01				
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01				
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01				
Dichlorvos	<0.01 µg/l	TM344	<0.01				
Dichlobenil	<0.01 µg/l	TM344	<0.01				
Mevinphos	<0.01 µg/l	TM344	<0.01				
Tecnazene	<0.01 µg/l	TM344	<0.01				
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01				
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01				
Phorate	<0.01 µg/l	TM344	<0.01				
Diazinon	<0.01 µg/l	TM344	<0.01				
Triallate	<0.01 µg/l	TM344	<0.01				
Atrazine	<0.01 µg/l	TM344	0.0187				
Simazine	<0.01 µg/l	TM344	<0.01				
Disulfoton	<0.01 µg/l	TM344	<0.01				
Propetamphos	<0.01 µg/l	TM344	<0.01				
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01				
Dimethoate	<0.01 µg/l	TM344	<0.01				
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01				
Chlorpyrifos	<0.01 µg/l	TM344	<0.01				
Methyl Parathion	<0.01 µg/l	TM344	<0.01				
Malathion	<0.01 µg/l	TM344	<0.01				
Fenthion	<0.01 µg/l	TM344	<0.01				
Fenitrothion	<0.01 µg/l	TM344	<0.01				
Triadimefon	<0.01 µg/l	TM344	<0.01				
Pendimethalin	<0.01 µg/l	TM344	<0.01				
Parathion	<0.01 µg/l	TM344	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.04				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.199				
AMPA	<0.1 µg/l	TM413	1.13				
Metalddehyde	<10 ng/l	TM416	20.6				



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
#	ISO17025 accredited.								
M	mCERTS accredited.								
aq	Aqueous / settled sample.								
diss.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*\$@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Naphthalene (aq)	<0.01 µg/l	TM178	Surface Water (SW) 23/09/2021	0.0104	<0.01	<0.01	<0.01	0.017	0.0266
Acenaphthene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 24/09/2021	<0.005	<0.005	<0.005	0.00725	<0.005	0.00862
Acenaphthylene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 24/09/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 210924-131	<0.005	0.0106	<0.005	0.00784	0.0381	0.0731
Anthracene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040507	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthrene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040511	<0.005	0.00897	<0.005	0.00846	0.0431	0.105
Fluorene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040512	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040513	<0.005	<0.005	<0.005	<0.005	0.0237	0.0455
Pyrene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040508	<0.005	0.0084	<0.005	0.00775	0.029	0.0483
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040509	<0.005	<0.005	<0.005	<0.005	0.0166	0.0242
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040507	<0.005	<0.005	<0.005	<0.005	0.0168	0.029
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040511	<0.005	<0.005	<0.005	<0.005	0.00847	0.0146
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	Surface Water (SW) 25040512	<0.002	<0.002	<0.002	<0.002	0.00788	0.0145
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040513	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040508	<0.005	<0.005	<0.005	<0.005	0.0163	0.0235
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	Surface Water (SW) 25040509	<0.005	<0.005	<0.005	<0.005	<0.005	0.0155
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	Surface Water (SW) 25040507	<0.082	<0.082	<0.082	<0.082	0.217	0.428



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery						
(F)	Trigger breach confirmed						
1-4*\$@	Sample deviation (see appendix)						
Component	LOD/Units			Method			
Naphthalene (aq)	<0.01 µg/l	TM178	0.472	#			
Acenaphthene (aq)	<0.005 µg/l	TM178	0.125	#			
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	#			
Fluoranthene (aq)	<0.005 µg/l	TM178	1.51	#			
Anthracene (aq)	<0.005 µg/l	TM178	0.0462	#			
Phenanthrene (aq)	<0.005 µg/l	TM178	1.63	#			
Fluorene (aq)	<0.005 µg/l	TM178	0.0777	#			
Chrysene (aq)	<0.005 µg/l	TM178	0.678	#			
Pyrene (aq)	<0.005 µg/l	TM178	1.03	#			
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.301	#			
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.515	#			
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.226	#			
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.289	#			
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.0418	#			
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.234	#			
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.183	#			
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	7.35	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

VOC MS (W)

Results Legend			Customer Sample Ref.		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filter Dissolved / filtered sample. tot.unfiltr Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference									
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208	88	90.8	90.2	89.4	114	117		
Toluene-d8**	%	TM208	86.5	86.6	85.8	86.5	100	99.9		
4-Bromofluorobenzene**	%	TM208	83.7	84.6	83.9	84.6	102	103		
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040507	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040511	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040512	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040513	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040508	Treated Sewage (TS) 23/09/2021 24/09/2021 210924-131 25040509
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromoethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Chlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Ethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
m,p-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
o-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
Styrene	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromofom	<1 µg/l	TM208	#	#	#	#	#	#	#
Isopropylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Propylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
2-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
sec-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-iso-Propyltoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,4-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
n-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Hexachlorobutadiene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	#	#	#	#	#	#	#
Naphthalene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	89.6				
Toluene-d8**	%	TM208	86.4				
4-Bromofluorobenzene**	%	TM208	83.9				
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#			
Chloromethane	<1 µg/l	TM208	<1	#			
Vinyl chloride	<1 µg/l	TM208	<1	#			
Bromomethane	<1 µg/l	TM208	<1	#			
Chloroethane	<1 µg/l	TM208	<1	#			
Trichlorofluoromethane	<1 µg/l	TM208	<1	#			
1,1-Dichloroethene	<1 µg/l	TM208	<1	#			
Carbon disulphide	<1 µg/l	TM208	<1	#			
Dichloromethane	<3 µg/l	TM208	<3	#			
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#			
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
1,1-Dichloroethane	<1 µg/l	TM208	<1	#			
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
2,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Bromochloromethane	<1 µg/l	TM208	<1	#			
Chloroform	<1 µg/l	TM208	<1	#			
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#			
1,1-Dichloropropene	<1 µg/l	TM208	<1	#			
Carbontetrachloride	<1 µg/l	TM208	<1	#			
1,2-Dichloroethane	<1 µg/l	TM208	<1	#			
Benzene	<1 µg/l	TM208	<1	#			
Trichloroethene	<1 µg/l	TM208	<1	#			
1,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Dibromomethane	<1 µg/l	TM208	<1	#			
Bromodichloromethane	<1 µg/l	TM208	<1	#			
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
Toluene	<1 µg/l	TM208	<1	#			
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#			
1,3-Dichloropropane	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 23/09/2021 24/09/2021 210924-131 25040510				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromofom	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minwroth

Superseded Report: 617116

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 210924-131
Client Ref.: 60663957

Report Number: 618562
Location: Minworth

Superseded Report: 617116

Test Completion Dates

Lab Sample No(s)	25040507	25040511	25040512	25040513	25040508	25040509	25040510
Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	MIN-02C
AGS Ref.							
Depth							
Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water
Acid Herbicides by LCMS*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Acrylamide by LCMS (W)*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Alkalinity as CaCO3	29-Sep-2021	29-Sep-2021	29-Sep-2021	30-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021
Ammoniacal Nitrogen	28-Sep-2021	28-Sep-2021	29-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021
Anions by ion Chromatography	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021
Anions by Kone (w)	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021
Artificial radionuclide by HR gamma	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Bromate by IC*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Chloromequat*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Chlorophyll-a Cold	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Clostridium Perfringens*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Colour Test	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
Conductivity (at 20 deg C)	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021
Cryptosporidium & Giardia*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Cyanide Comp/Free/Total/Thiocyanate	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021
Cyanobacteria (Blue Green algae)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Dissolved Metals by ICP-MS	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021
Dissolved Organic/Inorganic Carbon	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021
Epichlorohydrin*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Escherichia Coli*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Faecal Streptococci (W)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Fluoride	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
Glyphosate and AMPA	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Gross Alpha Activity*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Gross beta activity	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Mercury Dissolved	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021
Metaldehyde	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021	04-Oct-2021
Natural radionuclide by HR gamma	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Nitrite by Kone (w)	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
PAH Spec MS - Aqueous (W)	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021
Pesticides (Suite I) by GCMS	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021
Pesticides (Suite II) by GCMS	30-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	29-Sep-2021	30-Sep-2021	29-Sep-2021
Pesticides (Suite III) by GCMS	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021	30-Sep-2021
Pesticides by GCMS (W-PESLMS02LL)*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Pesticides by GCMS (W-PESLMS07)*	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
pH Value	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021	28-Sep-2021
Phosphate by Kone (w)	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
Total Coliforms(W)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
Total Metals by ICP-MS	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
Total Organic and Inorganic Carbon	28-Sep-2021	26-Sep-2021	26-Sep-2021	26-Sep-2021	28-Sep-2021	28-Sep-2021	26-Sep-2021
Tritium by Scintillation	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Turbidity in waters	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021	27-Sep-2021
TVC 22C 3 day (W)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
TVC 37C 1 day (W)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
TVC 37C 2 day (W)*	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021	14-Oct-2021
VOC MS (W)	01-Oct-2021	01-Oct-2021	01-Oct-2021	01-Oct-2021	01-Oct-2021	01-Oct-2021	01-Oct-2021

Individuals' names and signatures redacted

Certificate of Analysis

Report No.: 21-15198-1

Issue No.: 1

Date of Issue 13/10/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 210924-131

Customer Reference: 210924-131

Quotation Reference: 210906/08

Description: 7 water samples

Date Received: 28/09/2021

Date Started: 11/10/2021

Date Completed: 13/10/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-15198-1

Customer Reference: 210924-131

Customer Order No: 210924-131

Customer Sample No	25044939	25044929	25044741	25044591	25044595	25044636	25044606
Customer Sample ID	MIN-01	MIN-02A	MIN-02B	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	474723	474724	474725	474726	474727	474728	474729
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021	23/09/2021

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 21-15198-1

Customer Reference: 210924-131

Customer Order No: 210924-131

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
474723	25044939		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474724	25044929		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474725	25044741		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474726	25044591		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474727	25044595		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474728	25044636		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage
474729	25044606		23/09/2021	500ml amber glass bottle	Yes	Temperature of samples exceeded in transit/storage

Report No.: 21-15198-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

14 October 2021

Test Report: COV/2202459/2021

Dear Subcon Results

Analysis of your sample(s) received on 23 September 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

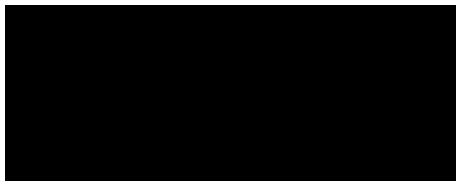
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

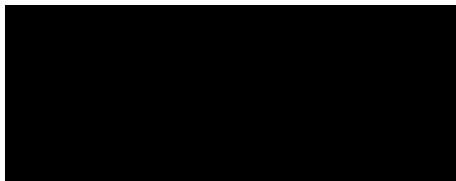
Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:



Title:

Waste Business Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**

ANALYSED BY



Individuals' names and signatures redacted

Date of Issue: **08 October 2021**

Report Number: **COV/2202459/2021**

Issue **1**

This issue replaces all previous issues

Job Description: 2021 Analysis

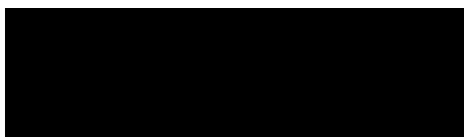
Number of Samples included in this report **7**

Job Received: **23 September 2021**

Number of Test Results included in this report **105**

Analysis Commenced: **24 September 2021**

Signed:



Name:



Date: **08 October 2021**

Title:

Waste Business Manager

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 18

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
 Laboratory Number: **20878744**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **23 September 2021 15:30**
 Sample Received: **23 September 2021**
 Analysis Complete: **08 October 2021**

Issue **1**
 Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>10	cfu/100ml	27/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	407	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878744:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus mundtii. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:

Name: [REDACTED]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
Laboratory Number: **20878745**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-02A**
Sample Matrix: **Surface Water**
Sample Date/Time: **23 September 2021 14:30**
Sample Received: **23 September 2021**
Analysis Complete: **08 October 2021**

Issue **1**
Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	07/10/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	07/10/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>30	cfu/100ml	27/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	543	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878745:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

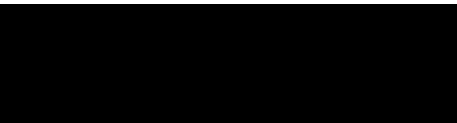
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
 Laboratory Number: **20878746**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **23 September 2021 13:00**
 Sample Received: **23 September 2021**
 Analysis Complete: **08 October 2021**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.94340	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>30	cfu/100ml	27/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.94340	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	179	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878746:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus durans. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

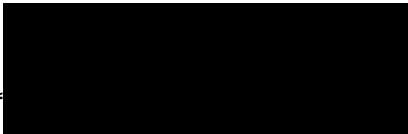
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
Laboratory Number: **20878747**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-02C**
Sample Matrix: **Surface Water**
Sample Date/Time: **23 September 2021 12:30**
Sample Received: **23 September 2021**
Analysis Complete: **08 October 2021**

Issue **1**
Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>30	cfu/100ml	27/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.92593	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	1116	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878747:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecum. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

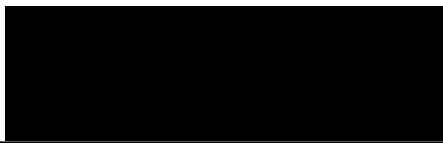
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
Laboratory Number: **20878748**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-03**
Sample Matrix: **Surface Water**
Sample Date/Time: **23 September 2021 11:30**
Sample Received: **23 September 2021**
Analysis Complete: **08 October 2021**

Issue **1**
Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>90	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	402	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878748:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
 Laboratory Number: **20878749**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **23 September 2021 10:30**
 Sample Received: **23 September 2021**
 Analysis Complete: **08 October 2021**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	<0.91743	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>10	cfu/100ml	27/09/2021	Y Cov	W8
TVC 37C 1 day	468	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.91743	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	871	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878749:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus mundtii, Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

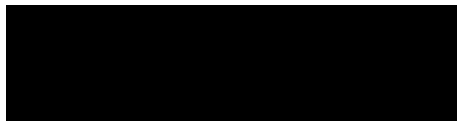
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2202459/2021**
 Laboratory Number: **20878750**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **23 September 2021 08:45**
 Sample Received: **23 September 2021**
 Analysis Complete: **08 October 2021**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	24/09/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/09/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	25/09/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	25/09/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	25/09/2021	Y Cov	W10
Enterococci presumptive	96	cfu/100ml	26/09/2021	Y Cov	W7
Enterococci confirmed	86	cfu/100ml	27/09/2021	Y Cov	W7
Crypto Sample 4-6um	0.90909	Oocysts10L	02/10/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	25/09/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	28/09/2021	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	02/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	246	cells/ml	25/09/2021	Y Cov	W44

Analyst Comments for 20878750:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus mundtii, Enterococcus faecium. TVC Estimated. TVC Estimated. TVC Estimated.

1 crypto 4-6 microns size range

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

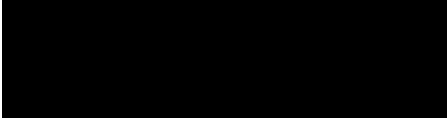

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 08 October 2021
		Title: Waste Business Manager	

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2202459/2021

Issue 1

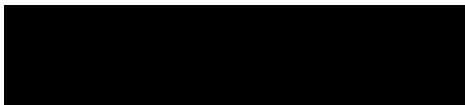
This issue replaces all previous issues

Date of Issue: 08 October 2021

Sample No	Analysis Comments
20878744	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus mundtii. TVC Estimated. TVC Estimated. TVC Estimated.
20878745	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.
20878746	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus durans. TVC Estimated. TVC Estimated. TVC Estimated.
20878747	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecium. TVC Estimated. TVC Estimated. TVC Estimated.
20878748	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.
20878749	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus mundtii, Enterococcus faecium, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.
20878750	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus mundtii, Enterococcus faecium. TVC Estimated. TVC Estimated. TVC Estimated.

1 crypto 4-6 microns size range

Signed:



Name: [Redacted]

Date: **08 October 2021**

Title: **Waste Business Manager**

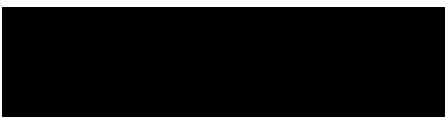

DETERMINAND COMMENTS FOR REPORT COV/2202459/2021

ISSUE 1

Date of Issue: 08 October 2021

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
20878744	MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878744	MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878744	MIN-01	TVC 22C 3 day	TVC Estimated.
20878744	MIN-01	TVC 37C 2 day	TVC Estimated.
20878744	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus mundtii.
20878744	MIN-01	TVC 37C 1 day	TVC Estimated.
20878745	MIN-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878745	MIN-02A	TVC 22C 3 day	TVC Estimated.
20878745	MIN-02A	TVC 37C 2 day	TVC Estimated.
20878745	MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae.
20878745	MIN-02A	TVC 37C 1 day	TVC Estimated.
20878746	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878746	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878746	MIN-02B	TVC 22C 3 day	TVC Estimated.
20878746	MIN-02B	TVC 37C 2 day	TVC Estimated.
20878746	MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus durans.
20878746	MIN-02B	TVC 37C 1 day	TVC Estimated.
20878747	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878747	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878747	MIN-02C	TVC 22C 3 day	TVC Estimated.
20878747	MIN-02C	TVC 37C 2 day	TVC Estimated.
20878747	MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus faecium.
20878747	MIN-02C	TVC 37C 1 day	TVC Estimated.
20878748	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878748	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878748	MIN-03	TVC 22C 3 day	TVC Estimated.
20878748	MIN-03	TVC 37C 2 day	TVC Estimated.
20878748	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae.
20878748	MIN-03	TVC 37C 1 day	TVC Estimated.
20878748	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20878749	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878749	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878749	MIN-04	TVC 22C 3 day	TVC Estimated.
20878749	MIN-04	TVC 37C 2 day	TVC Estimated.
20878749	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus mundtii, Enterococcus faecium, Enterococcus hirae.
20878749	MIN-04	TVC 37C 1 day	TVC Estimated.
20878750	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20878750	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
20878750	MIN-05	TVC 22C 3 day	TVC Estimated.
20878750	MIN-05	TVC 37C 2 day	TVC Estimated.
20878750	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus mundtii, Enterococcus faecium.
20878750	MIN-05	TVC 37C 1 day	TVC Estimated.
20878750	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:  Name:  Date: **08 October 2021**
 Title: **Waste Business Manager**

Page Intentionally Left Blank



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2193452	Issue Date	: 25-Oct-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 210924-131	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 30-Sep-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 01-Oct-2021 - 25-Oct-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR2193452/038-041 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

method W-RAD-ARTE: LOR of I-131 increased due to the thime difference between sampling and measurement.

Sample(s) PR2193452/043-049, method W-PESLMS04 - the LOR is increased due to matrix interferences.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 25.9.2021.

The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25044746 MIN-02B		25045233 MIN-02B		25044859 MIN-02B	
				Laboratory sample ID		PR2193452-003		PR2193452-010		PR2193452-017	
				Client sampling date / time		25-Sep-2021 08:36		25-Sep-2021 09:10		25-Sep-2021 08:41	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045061 MIN-02B		25044745 MIN-02B	
				Laboratory sample ID		PR2193452-024		PR2193452-031		PR2193452-038	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:57		25-Sep-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.54	± 16.2%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045061 MIN-02B		25044745 MIN-02B	
				Laboratory sample ID		PR2193452-024		PR2193452-031		PR2193452-038	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:57		25-Sep-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.060	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difloxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.014	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045061 MIN-02B		25044745 MIN-02B	
				Laboratory sample ID		PR2193452-024		PR2193452-031		PR2193452-038	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:57		25-Sep-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	0.053	± 30.0%		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.140	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.040	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045061 MIN-02B		25044745 MIN-02B	
				Laboratory sample ID		PR2193452-024		PR2193452-031		PR2193452-038	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:57		25-Sep-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045061 MIN-02B		25044745 MIN-02B	
				Laboratory sample ID		PR2193452-024		PR2193452-031		PR2193452-038	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:57		25-Sep-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	0.014	± 30.0%		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	0.013	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25044744 MIN-02B		25044841 MIN-02B		25045234 MIN-02B	
				Laboratory sample ID		PR2193452-045		PR2193452-052		PR2193452-059	
				Client sampling date / time		25-Sep-2021 08:36		25-Sep-2021 08:40		25-Sep-2021 09:10	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.069	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.015	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25044744 MIN-02B		25044841 MIN-02B		25045234 MIN-02B	
				Laboratory sample ID		PR2193452-045		PR2193452-052		PR2193452-059	
				Client sampling date / time		25-Sep-2021 08:36		25-Sep-2021 08:40		25-Sep-2021 09:10	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.120	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.182	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25044744 MIN-02B		25044841 MIN-02B		25045234 MIN-02B	
				Laboratory sample ID		PR2193452-045		PR2193452-052		PR2193452-059	
				Client sampling date / time		25-Sep-2021 08:36		25-Sep-2021 08:40		25-Sep-2021 09:10	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.019	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045059 MIN-02B		----	
				Laboratory sample ID		PR2193452-066		PR2193452-073		----	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:56		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25045061 MIN-02B		25045059 MIN-02B		----	
				Laboratory sample ID		PR2193452-066		PR2193452-073		----	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:56		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044946 MIN-01		25045006 MIN-02A		25044579 MIN-02C	
				Laboratory sample ID		PR2193452-001		PR2193452-002		PR2193452-004	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044605 MIN-03		25044538 MIN-04		25044615 MIN-05	
				Laboratory sample ID		PR2193452-005		PR2193452-006		PR2193452-007	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:09		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045399 MIN-01		25045071 MIN-02A		25045094 MIN-02C	
				Laboratory sample ID		PR2193452-008		PR2193452-009		PR2193452-011	
				Client sampling date / time		25-Sep-2021 09:18		25-Sep-2021 08:58		25-Sep-2021 09:02	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045161 MIN-03		25045374 MIN-04		25045111 MIN-05	
				Laboratory sample ID		PR2193452-012		PR2193452-013		PR2193452-014	
				Client sampling date / time		25-Sep-2021 09:08		25-Sep-2021 09:17		25-Sep-2021 09:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045482 MIN-01		25044894 MIN-02A		25044706 MIN-02C	
				Laboratory sample ID		PR2193452-015		PR2193452-016		PR2193452-018	
				Client sampling date / time		25-Sep-2021 09:24		25-Sep-2021 08:44		25-Sep-2021 08:35	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044568 MIN-03		25044594 MIN-04		25044640 MIN-05	
				Laboratory sample ID		PR2193452-019		PR2193452-020		PR2193452-021	
				Client sampling date / time		25-Sep-2021 08:16		25-Sep-2021 08:21		25-Sep-2021 08:30	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID		25044568 MIN-03		25044594 MIN-04		25044640 MIN-05	
				Laboratory sample ID		PR2193452-019		PR2193452-020		PR2193452-021	
				Client sampling date / time		25-Sep-2021 08:16		25-Sep-2021 08:21		25-Sep-2021 08:30	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25044631 MIN-01		25045055 MIN-02A		25044908 MIN-02C	
				Laboratory sample ID		PR2193452-022		PR2193452-023		PR2193452-025	
				Client sampling date / time		25-Sep-2021 08:28		25-Sep-2021 08:56		25-Sep-2021 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.05	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		25045067 MIN-03		25044937 MIN-04		25044927 MIN-05	
				Laboratory sample ID		PR2193452-026		PR2193452-027		PR2193452-028	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:49		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	<0.04	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		25044631 MIN-01		25045055 MIN-02A		25044908 MIN-02C	
				Laboratory sample ID		PR2193452-029		PR2193452-030		PR2193452-032	
				Client sampling date / time		25-Sep-2021 08:28		25-Sep-2021 08:56		25-Sep-2021 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.51	± 16.4%	0.69	± 15.8%	0.68	± 15.8%	0.68	± 15.8%

Sub-Matrix: SURFACE WATER				Client sample ID		25045067 MIN-03		25044937 MIN-04		25044927 MIN-05	
				Laboratory sample ID		PR2193452-033		PR2193452-034		PR2193452-035	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:49		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.62	± 15.9%	0.59	± 16.0%	0.46	± 16.6%	0.46	± 16.6%

Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
				Laboratory sample ID		PR2193452-036		PR2193452-037		PR2193452-039	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---



Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
				Laboratory sample ID		PR2193452-036		PR2193452-037		PR2193452-039	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.022	± 30.0%	0.012	± 30.0%	0.012	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
				Laboratory sample ID		PR2193452-036		PR2193452-037		PR2193452-039	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoaxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.052	± 30.0%	0.039	± 30.0%	0.038	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.100	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.048	± 30.0%	0.074	± 30.0%	0.078	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
				Laboratory sample ID		PR2193452-036		PR2193452-037		PR2193452-039	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
Laboratory sample ID				PR2193452-036		PR2193452-037		PR2193452-039			
Client sampling date / time				25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	0.011	± 30.0%	0.011	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	0.012	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044942 MIN-01		25045001 MIN-02A		25044577 MIN-02C	
				Laboratory sample ID		PR2193452-036		PR2193452-037		PR2193452-039	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044604 MIN-03		25044536 MIN-04		25044614 MIN-05	
				Laboratory sample ID		PR2193452-040		PR2193452-041		PR2193452-042	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	<0.020	---	<0.020	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044604 MIN-03		25044536 MIN-04		25044614 MIN-05	
				Laboratory sample ID		PR2193452-040		PR2193452-041		PR2193452-042	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	0.050	± 35.0%		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.024	± 30.0%	<0.030	---	0.013	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044604 MIN-03		25044536 MIN-04		25044614 MIN-05	
				Laboratory sample ID		PR2193452-040		PR2193452-041		PR2193452-042	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.100	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.086	± 30.0%	0.069	± 30.0%	0.064	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044604 MIN-03		25044536 MIN-04		25044614 MIN-05	
				Laboratory sample ID		PR2193452-040		PR2193452-041		PR2193452-042	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044604 MIN-03		25044536 MIN-04		25044614 MIN-05	
				Laboratory sample ID		PR2193452-040		PR2193452-041		PR2193452-042	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbutylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	0.013	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044941 MIN-01		25044996 MIN-02A		25044576 MIN-02C	
				Laboratory sample ID		PR2193452-043		PR2193452-044		PR2193452-046	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<2.00	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	0.019	± 30.0%	<0.015	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.015	---	<0.020	---	<0.015	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044941 MIN-01		25044996 MIN-02A		25044576 MIN-02C	
				Laboratory sample ID		PR2193452-043		PR2193452-044		PR2193452-046	
				Client sampling date / time		25-Sep-2021 08:49		25-Sep-2021 08:53		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
loxylinil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.080	± 30.0%	0.091	± 30.0%	0.084	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.030	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044603 MIN-03		25044534 MIN-04		25044613 MIN-05	
				Laboratory sample ID		PR2193452-047		PR2193452-048		PR2193452-049	
				Client sampling date / time		25-Sep-2021 08:22		25-Sep-2021 08:08		25-Sep-2021 08:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.015	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	<0.250	---	<0.250	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
loxylinil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.082	± 30.0%	0.062	± 30.0%	<0.040	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045472 MIN-01		25044899 MIN-02A		25044932 MIN-02C	
				Laboratory sample ID		PR2193452-050		PR2193452-051		PR2193452-053	
				Client sampling date / time		25-Sep-2021 09:22		25-Sep-2021 08:45		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		25045472 MIN-01		25044899 MIN-02A		25044932 MIN-02C	
				Laboratory sample ID		PR2193452-050		PR2193452-051		PR2193452-053	
				Client sampling date / time		25-Sep-2021 09:22		25-Sep-2021 08:45		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	0.078	± 30.0%	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.064	± 30.0%	0.098	± 30.0%	0.103	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25045472 MIN-01		25044899 MIN-02A		25044932 MIN-02C	
				Laboratory sample ID		PR2193452-050		PR2193452-051		PR2193452-053	
				Client sampling date / time		25-Sep-2021 09:22		25-Sep-2021 08:45		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25044559 MIN-03		25044566 MIN-04		25044578 MIN-05	
				Laboratory sample ID		PR2193452-054		PR2193452-055		PR2193452-056	
				Client sampling date / time		25-Sep-2021 08:13		25-Sep-2021 08:15		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25044559 MIN-03		25044566 MIN-04		25044578 MIN-05	
				Laboratory sample ID		PR2193452-054		PR2193452-055		PR2193452-056	
				Client sampling date / time		25-Sep-2021 08:13		25-Sep-2021 08:15		25-Sep-2021 08:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.094	± 30.0%	0.091	± 30.0%	0.077	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045400 MIN-01		25045072 MIN-02A		25045096 MIN-02C	
				Laboratory sample ID		PR2193452-057		PR2193452-058		PR2193452-060	
				Client sampling date / time		25-Sep-2021 09:18		25-Sep-2021 08:58		25-Sep-2021 09:02	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.079	---	0.140	± 40.0%	0.140	± 40.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25045163 MIN-03		25045376 MIN-04		25045113 MIN-05	
				Laboratory sample ID		PR2193452-061		PR2193452-062		PR2193452-063	



Sub-Matrix: SURFACE WATER				Client sample ID		25045163 MIN-03		25045376 MIN-04		25045113 MIN-05	
				Laboratory sample ID		PR2193452-061		PR2193452-062		PR2193452-063	
				Client sampling date / time		25-Sep-2021 09:08		25-Sep-2021 09:17		25-Sep-2021 09:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.200	± 20.0%	0.160	± 45.0%	0.140	± 45.0%	0.140	± 45.0%
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25044631 MIN-01		25045055 MIN-02A		25044908 MIN-02C	
				Laboratory sample ID		PR2193452-064		PR2193452-065		PR2193452-067	
				Client sampling date / time		25-Sep-2021 08:28		25-Sep-2021 08:56		25-Sep-2021 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25045067 MIN-03		25044937 MIN-04		25044927 MIN-05	
				Laboratory sample ID		PR2193452-068		PR2193452-069		PR2193452-070	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:49		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.21	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.21	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25044630 MIN-01		25045053 MIN-02A		25044905 MIN-02C	
				Laboratory sample ID		PR2193452-071		PR2193452-072		PR2193452-074	
				Client sampling date / time		25-Sep-2021 08:28		25-Sep-2021 08:56		25-Sep-2021 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID		25045065 MIN-03		25044936 MIN-04		25044926 MIN-05	
				Laboratory sample ID		PR2193452-075		PR2193452-076		PR2193452-077	
				Client sampling date / time		25-Sep-2021 08:57		25-Sep-2021 08:49		25-Sep-2021 08:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 210924-131	Client Reference: 60663957	Report Number: 618562
Location: Minworth	Order Number:	Superseded Report: 617116

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation:	23 November 2021
Customer:	Aecom
Sample Delivery Group (SDG):	211021-123
Your Reference:	60663957
Location:	Minwroth
Report No:	622272
Order Number:	606639

This report has been revised and directly supersedes 621707 in its entirety.

We received 8 samples on Thursday October 21, 2021 and 8 of these samples were scheduled for analysis which was completed on Tuesday November 23, 2021. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

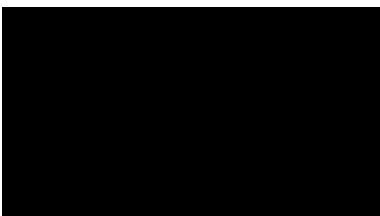
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25192819	MIN - 01			20/10/2021
25192823	MIN - 03			20/10/2021
25192824	MIN - 04			20/10/2021
25192825	MIN - 05			20/10/2021
25192820	MIN - 02A			20/10/2021
25192821	MIN - 02B			20/10/2021
25192826	MIN - 02B-2			20/10/2021
25192822	MIN - 02C			20/10/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	25192822	25192821	25192820	25192825	25192824	25192823	25192819
Customer Sample Reference	MIN - 02C	MIN - 02B	MIN - 02A	MIN - 05	MIN - 04	MIN - 03	MIN - 01
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	TS	SW	SW	SW	SW	SW

Artificial radionuclide by HR gamma	All	NDPs: 1 Tests: 7	X	X	X	X	X	X	X
Gross Alpha Activity*	All	NDPs: 1 Tests: 7	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 1 Tests: 7	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 1 Tests: 7	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 1 Tests: 7	X	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">X Test</div> <div style="display: flex; align-items: center;">N No Determination Possible</div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)			25192819																25192823							
	Customer Sample Reference			MIN - 01																MIN - 03							
	AGS Reference																										
	Depth (m)																										
	Container				0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
	Sample Type				SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 8	X												X												
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 8	X												X												
Alkalinity as CaCO3	All	NDPs: 0 Tests: 8				X														X							
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 8							X												X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 8			X															X							
Anions by Kone (w)	All	NDPs: 0 Tests: 8			X															X							
Bromate by IC*	All	NDPs: 0 Tests: 8			X															X							
Chlormequat*	All	NDPs: 0 Tests: 8	X												X												
Chlorophyll-a Cold	All	NDPs: 1 Tests: 7		X																X							
Clostridium Perfringens*	All	NDPs: 1 Tests: 7						X													X						
Colour Test	All	NDPs: 0 Tests: 8				X														X							
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 8				X														X							
Cryptosporidium & Giardia*	All	NDPs: 1 Tests: 7		X																X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 8											X												X		
Cyanobacteria (Blue Green algae)*	All	NDPs: 1 Tests: 7		X																X							



CERTIFICATE OF ANALYSIS

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minworth

Superseded Report: 621707

Results Legend	Lab Sample No(s)																								
	Customer Sample Reference																								
AGS Reference																									
Depth (m)																									
Container	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)					
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW					
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 8					X												X						
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 8	X							X															
Epichlorohydrin*	All	NDPs: 0 Tests: 8	X							X															
Escherichia Coli*	All	NDPs: 1 Tests: 7				X										X									
Faecal Streptococci (W)*	All	NDPs: 1 Tests: 7				X										X									
Fluoride	All	NDPs: 0 Tests: 8			X										X										
Glyphosate and AMPA	All	NDPs: 0 Tests: 8			X										X										
Mercury Dissolved	All	NDPs: 0 Tests: 8							X										X						
Metaldehyde	All	NDPs: 0 Tests: 8	X												X										
Nitrite by Kone (w)	All	NDPs: 0 Tests: 8							X															X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 8			X										X										
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 8	X												X										
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 8	X												X										
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 8	X												X										
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 8	X												X										



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend	Lab Sample No(s)	25192819														25192823						
	Customer Sample Reference	MIN - 01														MIN - 03						
AGS Reference																						
Depth (m)																						
Container		0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 8	X									X										
pH Value	All	NDPs: 0 Tests: 8			X										X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 8			X										X							
Total Coliforms(W)*	All	NDPs: 1 Tests: 7				X										X						
Total Metals by ICP-MS	All	NDPs: 0 Tests: 8							X												X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 8					X										X					
Turbidity in waters	All	NDPs: 0 Tests: 8		X											X							
TVC 22C 3 day (W)*	All	NDPs: 1 Tests: 7				X										X						
TVC 37C 1 day (W)*	All	NDPs: 1 Tests: 7				X										X						
TVC 37C 2 day (W)*	All	NDPs: 1 Tests: 7				X										X						
VOC MS (W)	All	NDPs: 0 Tests: 8									X											

25192820	MIN - 02A			0.5l glass bottle (ALE227)	SW																		
25192825	MIN - 05			Vial (ALE297)	SW	X																	X
				NaOH (ALE245)	SW																		
				HNO3 Unfiltered (ALE204)	SW									X									
				HNO3 Filtered (ALE204)	SW																		
				H2SO4 (ALE244)	SW								X										
				330ml plastic bottle (ALE503)	SW																		
				250ml Amber Gl. PTFE/PE (ALE219)	SW																		
				1plastic (ALE221)	SW								X										
				0.5l glass bottle (ALE227)	SW	X																	
25192824	MIN - 04			Vial (ALE297)	SW																		X
				NaOH (ALE245)	SW																		
				HNO3 Unfiltered (ALE204)	SW									X									
				HNO3 Filtered (ALE204)	SW																		
				H2SO4 (ALE244)	SW								X										
				500ml Plastic (ALE208)	SW																		
				330ml plastic bottle (ALE503)	SW																		
				250ml Amber Gl. PTFE/PE (ALE219)	SW																		
				1plastic (ALE221)	SW																		
				0.5l glass bottle (ALE227)	SW																		
				Vial (ALE297)	SW																		X
25192823	MIN - 03				SW																		X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123

Report Number: 622272

Superseded Report:

621707

Client Ref.: 60663957

Location: Minwroth

Results Legend <input checked="" type="checkbox"/> Test <input checked="" type="checkbox"/> No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	25192820										25192821									
	Customer Sample Reference	MIN - 02A										MIN - 02B									
	AGS Reference																				
	Depth (m)																				
	Container	1 plastic (ALE221)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1 plastic (ALE221)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS
		NDPs: 0 Tests: 8										NDPs: 0 Tests: 8									
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 8										X									
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 8										X									
Alkalinity as CaCO3	All	NDPs: 0 Tests: 8										X									
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 8										X									
Anions by ion Chromatography	All	NDPs: 0 Tests: 8										X									
Anions by Kone (w)	All	NDPs: 0 Tests: 8										X									
Artificial radionuclide by HR gamma	All	NDPs: 1 Tests: 7																			
Bromate by IC*	All	NDPs: 0 Tests: 8										X									
Chlormequat*	All	NDPs: 0 Tests: 8										X									
Chlorophyll-a Cold	All	NDPs: 1 Tests: 7										X									
Clostridium Perfringens*	All	NDPs: 1 Tests: 7										X									
Colour Test	All	NDPs: 0 Tests: 8										X									
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 8										X									
Cryptosporidium & Giardia*	All	NDPs: 1 Tests: 7										X									
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 8										X									

CERTIFICATE OF ANALYSIS



SDG: 211021-123
 Client Ref.: 60663957

Report Number: 622272
 Location: Minwroth

Superseded Report: 621707

Results Legend

X Test
N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Sample Type	Container										
	Vial (ALE297)	NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber Gl. PTFE/PE (ALE219)	1plastic (ALE221)	0.5l glass bottle (ALE227)	Vial (ALE297)
Cyanobacteria (Blue Green algae)*	All	NDPs: 1 Tests: 7	X						X		
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 8			X						X
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 8							X		
Epichlorohydrin*	All	NDPs: 0 Tests: 8							X		
Escherichia Coli*	All	NDPs: 1 Tests: 7		X							X
Faecal Streptococci (W)*	All	NDPs: 1 Tests: 7		X							X
Fluoride	All	NDPs: 0 Tests: 8	X								X
Glyphosate and AMPA	All	NDPs: 0 Tests: 8	X								X
Gross Alpha Activity*	All	NDPs: 1 Tests: 7									
Gross beta activity	All	NDPs: 1 Tests: 7									
Mercury Dissolved	All	NDPs: 0 Tests: 8			X						X
Metaldehyde	All	NDPs: 0 Tests: 8							X		
Natural radionuclide by HR gamma	All	NDPs: 1 Tests: 7									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 8							X		X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 8	X							X	



CERTIFICATE OF ANALYSIS

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)															25192820	25192821
	Customer Sample Reference															MIN - 02A	MIN - 02B
	AGS Reference																
	Depth (m)																
	Container															Vial (ALE297)	Vial (ALE297)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 8											X				
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 8											X				
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 8											X				
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 8											X				
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 8											X				
pH Value	All	NDPs: 0 Tests: 8		X										X			
Phosphate by Kone (w)	All	NDPs: 0 Tests: 8		X										X			
Total Coliforms(W)*	All	NDPs: 1 Tests: 7			X									X			
Total Metals by ICP-MS	All	NDPs: 0 Tests: 8								X						X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 8						X							X		
Tritium by Scintillation	All	NDPs: 1 Tests: 7															
Turbidity in waters	All	NDPs: 0 Tests: 8		X										X			
TVC 22C 3 day (W)*	All	NDPs: 1 Tests: 7			X										X		
TVC 37C 1 day (W)*	All	NDPs: 1 Tests: 7			X										X		
TVC 37C 2 day (W)*	All	NDPs: 1 Tests: 7			X										X		



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
	25192820	MIN - 02A			Vial (ALE297)	TS
					Vial (ALE297)	TS
					NaOH (ALE245)	TS
					HNO3 Unfiltered (ALE204)	TS
					HNO3 Filtered (ALE204)	TS
					H2SO4 (ALE244)	TS
					500ml Plastic (ALE208)	TS
					330ml plastic bottle (ALE503)	TS
					250ml Amber Gl. PTFE/PE (ALE219)	TS
					1plastic (ALE221)	TS
					0.5l glass bottle (ALE227)	TS
					Vial (ALE297)	SW
					NaOH (ALE245)	SW
					HNO3 Unfiltered (ALE204)	SW
					HNO3 Filtered (ALE204)	SW
					H2SO4 (ALE244)	SW
					500ml Plastic (ALE208)	SW
					330ml plastic bottle (ALE503)	SW
					250ml Amber Gl. PTFE/PE (ALE219)	SW
					1plastic (ALE221)	SW
VOC MS (W)	All					
		NDPs: 0 Tests: 8				
					X	X

25192822	MIN - 02C			Vial (ALE297)	SW		X
				NaOH (ALE245)	SW		
				HNO3 Unfiltered (ALE204)	SW		
				HNO3 Filtered (ALE204)	SW		
				H2SO4 (ALE244)	SW		
				500ml Plastic (ALE208)	SW		
				330ml plastic bottle (ALE503)	SW		
				250ml Amber Gl. PTFE/PE (ALE219)	SW		
				1plastic (ALE221)	SW		
				0.5l glass bottle (ALE227)	SW		
				Vial (ALE297)	TS		X
				NaOH (ALE245)	TS		
				HNO3 Unfiltered (ALE204)	TS		
				HNO3 Filtered (ALE204)	TS		
H2SO4 (ALE244)	TS						
500ml Plastic (ALE208)	TS						
330ml plastic bottle (ALE503)	TS						
1plastic (ALE221)	TS						
0.5l glass bottle (ALE227)	TS						
25192826	MIN - 02B-2						



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.		MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821		
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1	<1	<1	<1	<1	<1	<1
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.1	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.21	<0.2	<0.22	<0.2	<0.2	<0.2	<0.2	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	<5
Chlormequat*	<0.1 µg/l	SUB	<1	<1	<1	<1	<1	<1	<1	<1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	30.5	7.71	<7	18.3	25.3	<7	<7	<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.98	<0.943	<0.99	<0.98	<0.952	<0.971	<0.971	<0.971
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	223	357	134	536	290	201	201	201
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.08	<0.04	<0.1	<0.11	<0.09	<0.04	<0.04	<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.24	0.4	0.39	0.38	0.33	0.37	0.37	0.37
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>60	>60	>60
Giardia (B0X)*	<0 cysts/10L	SUB	<0.98	<0.943	<0.99	<0.98	<0.952	<0.971	<0.971	<0.971
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.11	<0.11	<0.056	<0.13	<0.098	<0.11	<0.11
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	0.013	<0.1	<0.1	<0.1
Acetamidipid*	<0.01 µg/l	SUB	<0.01	0.462	0.144	<0.01	0.09	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.2	<0.2	<0.2
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.21	<0.2	<0.22	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. filn Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821	
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.03	<0.03	<0.03	<0.03	<0.3	<0.3
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.03	<0.03	<0.03	<0.03	<0.3	<0.3
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.02	<0.2	<0.2
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.02	<0.2	<0.2
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.04	<0.04	<0.04	<0.04	<0.4	<0.4
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.3	<0.03	<0.03	<0.03	<0.03	<0.3	<0.3
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.02	<0.2	<0.2
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minworth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-toloxoy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.02	<0.2	<0.2
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	0.06	0.043	0.033	<0.1	<0.1	<0.1
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB	<0.2	<0.02	<0.02	<0.02	<0.02	<0.2	<0.2
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.091	0.091	0.073	<0.05	0.114	0.114
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.03	<0.03	<0.03	<0.03	<0.3	<0.3
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021
Sample Time	16:48:00	12:27:00	11:19:00	09:45:00	16:29:00	15:22:00	15:22:00	15:22:00	15:22:00
Date Received	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021
SDG Ref	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123
Lab Sample No.(s)	25192819	25192823	25192824	25192825	25192820	25192821	25192820	25192820	25192821
AGS Reference									
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorimid*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB		0.032	<0.03	0.019	<0.02	0.04	<0.02
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	0.066
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	<0.01	0.056	0.057	0.046	0.026	0.07	0.07
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Paclitaxel*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.03	<0.02	<0.01	<0.01	<0.01	0.02	<0.02
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021
Sample Time	16:48:00	12:27:00	11:19:00	09:45:00	16:29:00	15:22:00	21/10/2021	15:22:00	21/10/2021
Date Received	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021
SDG Ref	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123
Lab Sample No.(s)	25192819	25192823	25192824	25192825	25192820	25192821	25192820	25192821	25192821
AGS Reference									
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	0.087	0.029	0.087	0.047	0.075	0.022	0.022
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	0.012	0.02	0.016	0.012	0.02	0.015	0.015
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	109	97.7	115	145	102	58	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.4	9.75	9.72	7.99	9.42	7.99	#
Organic Carbon, Total	<3 mg/l	TM090	6.67	9.23	8.38	7.14	10.8	7.22	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.596	<0.2	<0.2	<0.2	3.2	1.82	#
Fluoride	<0.5 mg/l	TM104	<0.5	0.579	0.535	<0.5	<0.5	0.604	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.347	0.69	0.689	0.781	0.474	0.518	#
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	#
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	<10	<10	<10	<10	#
Antimony (diss.filt)	<1 µg/l	TM152	2.26	1.2	1.14	<1	1.35	<1	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.43	1.8	1.8	1.69	1.29	0.975	#
Boron (diss.filt)	<10 µg/l	TM152	168	264	197	156	183	95.7	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	#
Chromium (diss.filt)	<1 µg/l	TM152	1.17	1.77	1.46	<1	1.62	<1	#
Copper (diss.filt)	<0.3 µg/l	TM152	4.62	1.07	3.41	3.4	4.51	0.56	#
Lead (diss.filt)	<0.2 µg/l	TM152	0.301	0.278	0.245	0.245	0.494	<0.2	#
Manganese (diss.filt)	<3 µg/l	TM152	27.1	90	47.1	19.7	48.2	89.5	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	725	445	453	470	915	1240	#
Nickel (diss.filt)	<0.4 µg/l	TM152	8.53	14.3	11.2	6.76	10.1	5.65	#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	24.9	63.9	58.8	58.5	36.6	46.3	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0425	0.0707	0.0475	0.0331	0.0506	0.057	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	158	223	248	312	165	160	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.261	0.351	0.262	0.19	0.346	0.685	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.225	0.919	0.973	1.12	0.831	2.66	
Sulphate	<2 mg/l	TM184	41.2	84	99.2	123	59.3	69.6	
Chloride	<2 mg/l	TM184	32	93.5	85.7	92.6	53.8	67.9	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0734	0.3	0.318	0.365	0.271	0.869	
Nitrate as NO3	<0.3 mg/l	TM184	8.8	68.4	56.3	46.3	32.6	47.3	
Turbidity	<0.1 ntu	TM195	55.4	5.24	6.69	4.87	34.6	3.04	
Bromide	<0.06 mg/l	TM226	<0.06	0.336	0.247	0.225	0.2	0.162	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
pH	<1 pH Units	TM256	7.61	7.65	7.94	8.15	7.35	7.19	
Apparent Colour	<1 mg/l Pt/Co	TM261	97.4	41	42.3	36.5	90.3	33	
True Colour	<1 mg/l Pt/Co	TM261	11.5	28	24.4	19.6	17.1	16.5	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.06	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	<0.08	<0.04	<0.06	<0.06	<0.06	<0.06	<0.02
Atrazine	<0.01 µg/l	TM344	<0.03	<0.02	<0.02	<0.02	<0.02	<0.05	<0.01
Simazine	<0.01 µg/l	TM344	<0.07	<0.09	<0.06	<0.05	<0.05	<0.1	<0.01
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344	<0.06	<0.32	<0.26	<0.2	<0.12	<0.12	<0.39
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.15	<0.07	<0.1	<0.09	<0.15	<0.15	<0.06
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	3.63	0.587	0.473	0.34	1.2	0.395	
AMPA	<0.1 µg/l	TM413	1.19	1.76	1.67	1.32	1.17	0.939	
Metaldehyde	<10 ng/l	TM416	<10	<10	<10	20	<10	<10	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend		Customer Sample Ref.		MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method						
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02				
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1				
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05				
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05				
Act-227*	<0.2 Bq/l	SUB		<0.22				
Bromate*	<5 µg/l	SUB	<5	<5				
Chlormequat*	<0.1 µg/l	SUB	<1	<1				
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB		16.7				
Clostridium perfringens (M1U)*	CFU/100ml	SUB		>100				
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB		<0.909				
Cs-134*	<0.05 Bq/l	SUB		<0.05				
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB		179				
Enterococci Presumptive (M7N)*	CFU/100ml	SUB		>100				
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5				
Gross Alpha Activity*	<0.04 Bq/l	SUB		<0.08				
Gross Beta Activity*	<0.1 Bq/l	SUB		0.3				
Tritium*	<5 Bq/l	SUB		<5				
TVC 22C 3 Day M1A*	0 CFU_ml	SUB		>1000				
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB		>1000				
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB		>1000				
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.01				
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02				
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05				
Clostridium Perfringens (MZP)	CFU/100ml	SUB		>100				
Cs-137*	<0.05 Bq/l	SUB		<0.05				
E.coli presumptive (M17)*	CFU/100ml	SUB		>100				
Enterococci Confirmed (M7P)*	CFU/100ml	SUB		>100				
Giardia (B0X)*	<0 cysts/10L	SUB		<0.909				
Pb-210*	<10 Bq/l	SUB		<10				
Total Coliform Presumptive (M16)*	CFU/100ml	SUB		>100				
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.01				
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01				
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2	MIN - 02C			
Component	LOD/Units	Method					
Escherichia coli confirmed (M15)*	CFU/100ml	SUB		>100			
I-131*	<0.05 Bq/l	SUB		<0.094			
K-40*	<2 Bq/l	SUB		<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB		>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.01			
Acetamiprid*	<0.01 µg/l	SUB	<0.01	0.178			
Am-241*	<0.5 Bq/l	SUB		<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pa-231*	<1 Bq/l	SUB		<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.02			
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-223*	<0.2 Bq/l	SUB		<0.22			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.01			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-226*	<0.2 Bq/l	SUB		<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.01			
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-228*	<0.2 Bq/l	SUB		<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.01			
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-227*	<0.2 Bq/l	SUB		<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.05			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-228*	<0.2 Bq/l	SUB		<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01			
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.05			
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-230*	<10 Bq/l	SUB		<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2	MIN - 02C			
Component	LOD/Units	Method	Treated Sewage (TS)	Surface Water (SW)			
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.01			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-234*	<2 Bq/l	SUB		<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.01			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
U-235*	<0.2 Bq/l	SUB		<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.03			
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.03			
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.02			
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.02			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.04			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.3	<0.03			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.02			
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.1	<0.01			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2	MIN - 02C			
Component	LOD/Units	Method	Treated Sewage (TS)	Surface Water (SW)			
BAM*	<0.01 µg/l	SUB	<0.01	<0.01			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.02			
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	0.04			
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Haloxyfop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.2	<0.02			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	0.117	0.054			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.01			
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.03			
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.05			
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
Component	LOD/Units	Method	Treated Sewage (TS)	Surface Water (SW)			
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend		Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03			
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01			
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05			
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01			
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01			
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05			
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05			
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03			
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05			
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01			
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05			
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05			
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1			
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05			
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05			
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02			
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlormid*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenzuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Diuron*	<0.01 µg/l	SUB	<0.01	0.035			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01			
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Fensulfothion*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	0.064	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.076	0.032			
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend		Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02			
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03			
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03			
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05			
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01			
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05			
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02			
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05	<0.05			
Propiconazole*	<0.01 µg/l	SUB	0.014	0.023			
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Prosulfocarb*	<0.01 µg/l	SUB	0.024	0.068			
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01			
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbutryn*	<0.01 µg/l	SUB	0.019	0.016			
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01			
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822				
Component	LOD/Units	Method						
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	61.5	84	#	#		
Carbon, Organic (diss.filt)	<3 mg/l	TM090	7.99	6.96	#	#		
Organic Carbon, Total	<3 mg/l	TM090	7.39	7.08	#	#		
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	1.95	0.279	#	#		
Fluoride	<0.5 mg/l	TM104	0.595	<0.5	#	#		
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.51	0.433	#	#		
Salinity	<2	TM120	<2	<2	#	#		
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	#	#		
Antimony (diss.filt)	<1 µg/l	TM152	<1	1.49	#	#		
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.1	1.37	#	#		
Boron (diss.filt)	<10 µg/l	TM152	90.3	151	#	#		
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	#	#		
Chromium (diss.filt)	<1 µg/l	TM152	<1	1.83	#	#		
Copper (diss.filt)	<0.3 µg/l	TM152	0.654	2.08	#	#		
Lead (diss.filt)	<0.2 µg/l	TM152	<0.2	0.311	#	#		
Manganese (diss.filt)	<3 µg/l	TM152	86.5	47.7	#	#		
Phosphorus (tot.unfilt)	<20 µg/l	TM152	1150	510	#	#		
Nickel (diss.filt)	<0.4 µg/l	TM152	5.54	7.49	#	#		
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	#	#		
Sodium (Dis.Filt)	<0.076 mg/l	TM152	45.2	35.7	#	#		
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.055	0.0419	#	#		
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	158	153	#	#		
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	#	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend		Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Nitrite as NO2	<0.05 mg/l	TM184	0.684	0.224	#	#	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	2.59	0.614	#	#	
Sulphate	<2 mg/l	TM184	70.9	50.1	#	#	
Chloride	<2 mg/l	TM184	67.9	51.8	#	#	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.845	0.2	#	#	
Nitrate as NO3	<0.3 mg/l	TM184	46.5	30.1			
Turbidity	<0.1 ntu	TM195	2.89	17.7	◆ #	◆ #	
Bromide	<0.06 mg/l	TM226	0.144	0.156	#	#	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	#		
pH	<1 pH Units	TM256	6.95	7.55	#	#	
Apparent Colour	<1 mg/l Pt/Co	TM261	33	71.9			
True Colour	<1 mg/l Pt/Co	TM261	16.8	16.7			
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01			
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01			
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01			
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01			
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01			
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endrin	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02			
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02B-2 Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	MIN - 02C Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02			
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.02			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01			
Triallate	<0.01 µg/l	TM344	<0.01	<0.08			
Atrazine	<0.01 µg/l	TM344	<0.01	<0.03			
Simazine	<0.01 µg/l	TM344	<0.01	<0.09			
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01			
Malathion	<0.01 µg/l	TM344	<0.34	<0.13			
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.04	<0.16			
Parathion	<0.01 µg/l	TM344	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Results Legend			Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method						
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.354	1.19				
AMPA	<0.1 µg/l	TM413	0.933	1.19				
Metalddehyde	<10 ng/l	TM416	<10	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021
aq	Aqueous / settled sample.			16:48:00	12:27:00	11:19:00	09:45:00	16:29:00	15:22:00	15:22:00
diss.filt	Dissolved / filtered sample.			21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021
tot.unfilt	Total / unfiltered sample.			211021-123	211021-123	211021-123	211021-123	211021-123	211021-123	211021-123
	Subcontracted - refer to subcontractor report for accreditation status.			25192819	25192823	25192824	25192825	25192820	25192821	25192821
	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	0.0106	<0.01	<0.01	<0.01	0.145	0.0165		
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0078	<0.005	<0.005	<0.005	0.0299	0.006		
Acenaphthylene (aq)	<0.005 µg/l	TM178	0.0076	<0.005	<0.005	<0.005	0.0076	<0.005		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.235	0.0148	0.038	0.0282	0.209	0.0436		
Anthracene (aq)	<0.005 µg/l	TM178	0.0127	<0.005	<0.005	<0.005	0.0122	<0.005		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.079	0.0086	0.0335	0.0232	0.149	0.0636		
Fluorene (aq)	<0.005 µg/l	TM178	0.006	<0.005	<0.005	<0.005	0.0343	<0.005		
Chrysene (aq)	<0.005 µg/l	TM178	0.148	0.009	0.0238	0.0181	0.094	<0.005		
Pyrene (aq)	<0.005 µg/l	TM178	0.265	0.0157	0.0281	0.0223	0.19	0.0273		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0908	0.0146	0.0135	0.0167	0.0535	<0.005		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.23	0.0217	0.0359	0.0266	0.106	0.0288		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0791	0.0052	0.0117	0.0068	0.0384	0.0081		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.13	0.0068	0.011	0.0099	0.0509	0.0082		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.0177	<0.005	<0.005	<0.005	0.0083	<0.005		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.139	<0.005	0.0235	0.0197	0.0785	<0.005		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.133	<0.005	<0.005	<0.005	0.0649	<0.005		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	1.59	0.0964	0.219	0.172	1.27	0.202		



CERTIFICATE OF ANALYSIS

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN - 02B-2	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filter Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822				
Component	LOD/Units	Method							
Naphthalene (aq)	<0.01 µg/l	TM178		0.0602	1.01				#
Acenaphthene (aq)	<0.005 µg/l	TM178		0.015	0.222				#
Acenaphthylene (aq)	<0.005 µg/l	TM178		<0.005	0.0142				#
Fluoranthene (aq)	<0.005 µg/l	TM178		0.227	4.29				#
Anthracene (aq)	<0.005 µg/l	TM178		<0.005	4.01				#
Phenanthrene (aq)	<0.005 µg/l	TM178		0.284	4.1				#
Fluorene (aq)	<0.005 µg/l	TM178		0.0091	0.155				#
Chrysene (aq)	<0.005 µg/l	TM178		0.135	1.8				#
Pyrene (aq)	<0.005 µg/l	TM178		0.156	3.13				#
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178		0.0435	0.734				#
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178		0.111	2.11				#
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178		0.0351	0.82				#
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178		0.038	1.03				#
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178		0.0056	0.139				#
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178		0.0647	0.747				#
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178		0.041	0.798				#
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178		1.23	25.1				#



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Dibromofluoromethane**	%	TM208	103	114	113	112	105	106	
Toluene-d8**	%	TM208	91.2	103	97.7	99	89.4	90	
4-Bromofluorobenzene**	%	TM208	88.9	99.2	97.7	99.3	89.2	90.2	
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	1.07 #	<1 #	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 20/10/2021 16:48:00 21/10/2021 211021-123 25192819	Surface Water (SW) 20/10/2021 12:27:00 21/10/2021 211021-123 25192823	Surface Water (SW) 20/10/2021 11:19:00 21/10/2021 211021-123 25192824	Surface Water (SW) 20/10/2021 09:45:00 21/10/2021 211021-123 25192825	Surface Water (SW) 20/10/2021 16:29:00 21/10/2021 211021-123 25192820	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192821
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN - 02B-2	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filter Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Treated Sewage (TS) 20/10/2021 15:22:00 21/10/2021 211021-123 25192826	Surface Water (SW) 20/10/2021 13:57:00 21/10/2021 211021-123 25192822			
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	109	105			
Toluene-d8**	%	TM208	99.7	90.1			
4-Bromofluorobenzene**	%	TM208	103	90.5			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloromethane	<1 µg/l	TM208	<1	<1	#	#	
Vinyl chloride	<1 µg/l	TM208	<1	<1	#	#	
Bromomethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroethane	<1 µg/l	TM208	<1	<1	#	#	
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
Carbon disulphide	<1 µg/l	TM208	<1	<1	#	#	
Dichloromethane	<3 µg/l	TM208	<3	<3	#	#	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	#	#	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1			
Bromochloromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroform	<1 µg/l	TM208	<1	<1	#	#	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Carbontetrachloride	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
Benzene	<1 µg/l	TM208	<1	<1	#	#	
Trichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	
Dibromomethane	<1 µg/l	TM208	<1	<1	#	#	
Bromodichloromethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Toluene	<1 µg/l	TM208	<1	<1	#	#	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 02B-2	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m)	Treated Sewage (TS)	Surface Water (SW)				
			Sample Type	20/10/2021	20/10/2021				
			Date Sampled	15:22:00	13:57:00				
			Sample Time	21/10/2021	21/10/2021				
			Date Received	211021-123	211021-123				
			SDG Ref	25192826	25192822				
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	#	#			
Dibromochloromethane	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	<1	#	#			
Chlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
Ethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
m,p-Xylene	<1 µg/l	TM208	<1	<1	#	#			
o-Xylene	<1 µg/l	TM208	<1	<1	#	#			
Styrene	<1 µg/l	TM208	<1	<1	#	#			
Bromofom	<1 µg/l	TM208	<1	<1	#	#			
Isopropylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	<1	#	#			
Bromobenzene	<1 µg/l	TM208	<1	<1	#	#			
Propylbenzene	<1 µg/l	TM208	<1	<1	#	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
n-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	<1	#	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	<1	#	#			
Naphthalene	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Notification of NDPs (No determination possible)

Date Received : 21/10/2021 12:32:42

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
25192826	MIN - 02B-2		Cyanobacteria (Blue Green algae)*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Artificial radionuclide by HR gamma	Wrong sample bottle supplied
25192826	MIN - 02B-2		Natural radionuclide by HR gamma	Wrong sample bottle supplied
25192826	MIN - 02B-2		Tritium by Scintillation	Wrong sample bottle supplied
25192826	MIN - 02B-2		Gross Alpha Activity*	Wrong sample bottle supplied
25192826	MIN - 02B-2		Gross beta activity	Wrong sample bottle supplied
25192826	MIN - 02B-2		TVC 37C 1 day (W)*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		TVC 37C 2 day (W)*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		TVC 22C 3 day (W)*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Cryptosporidium & Giardia*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Faecal Streptococci (W)*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Escherichia Coli*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Clostridium Perfringens*	NDP By Subcontractor - See Attached
25192826	MIN - 02B-2		Total Coliforms(W)*	NDP By Subcontractor - See Attached



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minwroth

Superseded Report: 621707

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211021-123
Client Ref.: 60663957

Report Number: 622272
Location: Minworth

Superseded Report: 621707

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.

AGS Ref.
Depth
Type

	25192819	25192823	25192824	25192825	25192820	25192821	25192826	25192822
	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B	MIN - 02B-2	MIN - 02C
Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewag	Treated Sewag	Surface Water
Acid Herbicides by LCMS*	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021
Acrylamide by LCMS (W)*	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021
Alkalinity as CaCO3	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021
Ammoniacal Nitrogen	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Anions by ion Chromatography	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021
Anions by Kone (w)	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021
Artificial radionuclide by HR gamma	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021		23-Nov-2021
Bromate by IC*	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021
Chloromequat*	18-Nov-2021	18-Nov-2021	18-Nov-2021	18-Nov-2021	18-Nov-2021	18-Nov-2021	18-Nov-2021	18-Nov-2021
Chlorophyll-a Cold	10-Nov-2021	15-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Clostridium Perfringens*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Colour Test	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Conductivity (at 20 deg.C)	22-Oct-2021	22-Oct-2021	22-Oct-2021	22-Oct-2021	22-Oct-2021	22-Oct-2021	22-Oct-2021	22-Oct-2021
Cryptosporidium & Giardia*	10-Nov-2021	15-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Cyanide Comp/Free/Total/Thiocyanate	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021
Cyanobacteria (Blue Green algae)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Dissolved Metals by ICP-MS	27-Oct-2021	28-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	28-Oct-2021
Dissolved Organic/Inorganic Carbon	26-Oct-2021	27-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	27-Oct-2021
Epichlorohydrin*	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021	22-Nov-2021	23-Nov-2021
Escherichia Coli*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Faecal Streptococci (W)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Fluoride	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Glyphosate and AMPA	05-Nov-2021	05-Nov-2021	05-Nov-2021	05-Nov-2021	05-Nov-2021	05-Nov-2021	05-Nov-2021	05-Nov-2021
Gross Alpha Activity*	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021		23-Nov-2021
Gross beta activity	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021		23-Nov-2021
Mercury Dissolved	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	27-Oct-2021
Metaldehyde	01-Nov-2021	01-Nov-2021	01-Nov-2021	01-Nov-2021	01-Nov-2021	01-Nov-2021	01-Nov-2021	01-Nov-2021
Natural radionuclide by HR gamma	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021		23-Nov-2021
Nitrite by Kone (w)	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021
PAH Spec MS - Aqueous (W)	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021
Pesticides (Suite I) by GCMS	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021
Pesticides (Suite II) by GCMS	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021
Pesticides (Suite III) by GCMS	28-Oct-2021	28-Oct-2021	28-Oct-2021	28-Oct-2021	28-Oct-2021	28-Oct-2021	28-Oct-2021	28-Oct-2021
Pesticides by GCMS (W-PESLMS02LL)*	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021	22-Nov-2021
Pesticides by GCMS (W-PESLMS07)*	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021	22-Nov-2021	23-Nov-2021
pH Value	22-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Phosphate by Kone (w)	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Total Coliforms(W)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
Total Metals by ICP-MS	25-Oct-2021	25-Oct-2021	25-Oct-2021	26-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
Total Organic and Inorganic Carbon	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	24-Oct-2021
Tritium by Scintillation	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	23-Nov-2021	22-Nov-2021		23-Nov-2021
Turbidity in waters	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021	25-Oct-2021
TVC 22C 3 day (W)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
TVC 37C 1 day (W)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
TVC 37C 2 day (W)*	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021	10-Nov-2021		10-Nov-2021
VOC MS (W)	26-Oct-2021	26-Oct-2021	27-Oct-2021	27-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021	26-Oct-2021



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

10 November 2021

Test Report: COV/2217973/2021

Dear Subcon Results

Analysis of your sample(s) received on 20 October 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

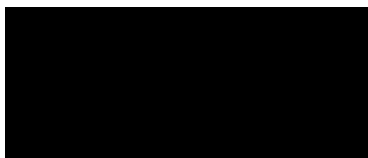
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

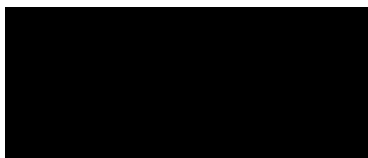
Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:



Title:

Crypto Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**



Individuals' names and
signatures redacted

Date of Issue: **10 November 2021**

Report Number: **COV/2217973/2021**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Number of Samples
included in this report **7**

Job Received: **20 October 2021**

Number of Test Results
included in this report **112**

Analysis Commenced: **21 October 2021**

Signed:



Name:



Date: **10 November 2021**

Title:

Crypto Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975551**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-01**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 16:48**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **1** of **7**

Sample Reference: **1**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	30.52	ug/l	21/10/2021	N Cov	W45
Phaeophytin	16.70	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	03/11/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.98039	cysts/10l	03/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	223	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975551:

This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus species and Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

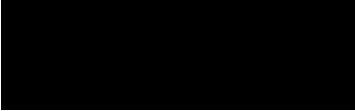

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 10 November 2021
		Title:	Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975552**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-02A**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 16:29**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **2** of **7**

Sample Reference: **2**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	25.30	ug/l	21/10/2021	N Cov	W45
Phaeophytin	13.76	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	23/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	29/10/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.95238	cysts/10l	29/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	290	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975552:

This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for Enterococci due to nature of the sample. TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 10 November 2021
		Title:	Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975553**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-02B**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 15:22**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **3** of **7**

Sample Reference: **3**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	21/10/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>60	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts/10L	03/11/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.97087	cysts/10l	03/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	201	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975553:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 10 November 2021

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975554**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-02C**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 13:57**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **4** of **7**

Sample Reference: **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	16.70	ug/l	21/10/2021	N Cov	W45
Phaeophytin	8.42	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	03/11/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.90909	cysts/10l	03/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	179	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975554:

This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus species, Enterococcus hirae and Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 10 November 2021
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975555**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-03**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 12:27**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **5** of **7**

Sample Reference: **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	7.71	ug/l	21/10/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.94340	Oocysts10L	29/10/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.94340	cysts/10l	29/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	357	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975555:

This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus species, Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 10 of 19



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 10 November 2021
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
Laboratory Number: **20975556**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min-04**
Sample Matrix: **Not Specified**
Sample Date/Time: **20 October 2021 11:19**
Sample Received: **20 October 2021**
Analysis Complete: **08 November 2021**

Issue **1**
Sample **6** of **7**

Sample Reference: **6**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	21/10/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	27/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.99010	Oocysts10L	04/11/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.99010	cysts/10l	04/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	134	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975556:

This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus hirae, Enterococcus faecalis and Enterococcus species TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 12 of 19

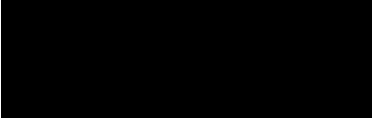

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 10 November 2021
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2217973/2021**
 Laboratory Number: **20975557**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **Min-05**
 Sample Matrix: **Not Specified**
 Sample Date/Time: **20 October 2021 09:45**
 Sample Received: **20 October 2021**
 Analysis Complete: **08 November 2021**

Issue **1**
 Sample **7** of **7**

Sample Reference: **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	18.34	ug/l	21/10/2021	N Cov	W45
Phaeophytin	8.94	ug/l	21/10/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	26/10/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	29/10/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	22/10/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	22/10/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	22/10/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	23/10/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/10/2021	N Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	29/10/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	22/10/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/10/2021	N Cov	W1
Giardia Sample	<0.98039	cysts/10l	29/10/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	536	cells/ml	22/10/2021	N Cov	W44

Analyst Comments for 20975557:

This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus species and Enterococcus mundtii TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 10 November 2021
	Title: Crypto Team Leader	

Individuals' names and signatures redacted



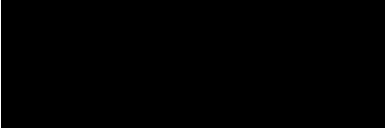
ANALYST COMMENTS FOR REPORT COV/2217973/2021

Issue 1

This issue replaces all previous issues

Date of Issue: 10 November 2021

Sample No	Analysis Comments
20975551	This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus species and Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.
20975552	This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for Enterococci due to nature of the sample. TVC Estimated. TVC Estimated. TVC Estimated.
20975553	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.
20975554	This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus species, Enterococcus hirae and Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.
20975555	This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus species, Enterococcus faecium TVC Estimated. TVC Estimated. TVC Estimated.
20975556	This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus hirae, Enterococcus faecalis and Enterococcus species TVC Estimated. TVC Estimated. TVC Estimated.
20975557	This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus species and Enterococcus mundtii TVC Estimated. TVC Estimated. TVC Estimated.

Signed: 

Name: 

Date: **10 November 2021**

Title: **Crypto Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2217973/2021



ISSUE 1

This issue replaces all previous issues

Date of Issue: 10 November 2021

Sample No	Description	Determinand	Comments
20975551	Min-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975551	Min-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975551	Min-01	TVC 22C 3 day	TVC Estimated.
20975551	Min-01	TVC 37C 2 day	TVC Estimated.
20975551	Min-01	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus species and Enterococcus faecium
20975551	Min-01	TVC 37C 1 day	TVC Estimated.
20975551	Min-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20975552	Min-02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample.
20975552	Min-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Only 50 ml filtered for coliforms and E.coli due to nature of the sample.
20975552	Min-02A	TVC 22C 3 day	TVC Estimated.
20975552	Min-02A	TVC 37C 2 day	TVC Estimated.
20975552	Min-02A	Enterococci presumptive	Confirmation process not been carried out for Enterococci due to nature of the sample.
20975552	Min-02A	TVC 37C 1 day	TVC Estimated.
20975552	Min-02A	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20975553	Min-02B	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
20975553	Min-02B	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
20975553	Min-02B	TVC 22C 3 day	TVC Estimated.
20975553	Min-02B	TVC 37C 2 day	TVC Estimated.
20975553	Min-02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium
20975553	Min-02B	TVC 37C 1 day	TVC Estimated.
20975553	Min-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20975554	Min-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975554	Min-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975554	Min-02C	TVC 22C 3 day	TVC Estimated.
20975554	Min-02C	TVC 37C 2 day	TVC Estimated.
20975554	Min-02C	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus hirae and Enterococcus faecium
20975554	Min-02C	TVC 37C 1 day	TVC Estimated.
20975554	Min-02C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20975555	Min-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975555	Min-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975555	Min-03	TVC 22C 3 day	TVC Estimated.
20975555	Min-03	TVC 37C 2 day	TVC Estimated.
20975555	Min-03	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus species, Enterococcus faecium
20975555	Min-03	TVC 37C 1 day	TVC Estimated.
20975555	Min-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
20975556	Min-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975556	Min-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975556	Min-04	TVC 22C 3 day	TVC Estimated.
20975556	Min-04	TVC 37C 2 day	TVC Estimated.
20975556	Min-04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus hirae, Enterococcus faecalis and Enterococcus species
20975556	Min-04	TVC 37C 1 day	TVC Estimated.
20975556	Min-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

20975557	Min-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975557	Min-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
20975557	Min-05	TVC 22C 3 day	TVC Estimated.
20975557	Min-05	TVC 37C 2 day	TVC Estimated.
20975557	Min-05	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus faecium, Enterococcus species and Enterococcus mundtii
20975557	Min-05	TVC 37C 1 day	TVC Estimated.
20975557	Min-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:		Name: 	Date: 10 November 2021
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Page Intentionally Left Blank

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-15716-1

Issue No.: 1

Date of Issue 18/11/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 211021-123

Customer Reference: 211021-123

Quotation Reference: 210906/08

Description: 8 water samples

Date Received: 25/10/2021

Date Started: 15/11/2021

Date Completed: 18/11/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-15716-1

Customer Reference: 211021-123

Customer Order No: 211021-123

Customer Sample No	25197862	25197855	25197864	25198579	25198787	25199071	25198908	25198523
Customer Sample ID	Min-01	Min-02A	Min-02B	Min-02B-2	Min-02C	Min-03	Min-04	Min-05
RPS Sample No	476134	476135	476136	476137	476138	476139	476140	476141
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021

Determinand	CAS No	Codes	SOP	Units	RL							
chlormequat	999-81-5	N	in house	ug/l	0.1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

Comments**Report No.: 21-15716-1**

Customer Reference: 211021-123

Customer Order No: 211021-123

Job	Description	Job Comments
21-15716	8 water samples	Reporting limit has been raised due to matrix interference.

Deviating Samples

Report No.: 21-15716-1

Customer Reference: 211021-123

Customer Order No: 211021-123

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
476134	25197862		20/10/2021	500ml amber glass bottle	No	
476135	25197855		20/10/2021	500ml amber glass bottle	No	
476136	25197864		20/10/2021	500ml amber glass bottle	No	
476137	25198579		20/10/2021	500ml amber glass bottle	No	
476138	25198787		20/10/2021	500ml amber glass bottle	No	
476139	25199071		20/10/2021	500ml amber glass bottle	No	
476140	25198908		20/10/2021	500ml amber glass bottle	No	
476141	25198523		20/10/2021	500ml amber glass bottle	No	

Report No.: 21-15716-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21A3811	Issue Date	: 22-Nov-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211021-123	Page	: 1 of 30
Order number	: ----	Date Samples Received	: 26-Oct-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 27-Oct-2021 - 22-Nov-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR21A3811/041-043, 046-048 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

Sample(s) PR21A3811/049-056, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

W-RAD-ARTE: LOR raised due to the low sample volume.

Sample PR21A3811/001, method W-ACRLMS01 - the LOR is increased due to matrix interferences.

Sample PR21A3811/002, method W-ACRLMS01 - the LOR is increased due to matrix interferences.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 22.10.2021.

The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

[Redacted Signature]

Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25197870 MIN - 02B		25198642 MIN - 02B-2		25199188 MIN - 02B	
				Laboratory sample ID		PR21A3811003		PR21A3811004		PR21A3811011	
				Client sampling date / time		22-Oct-2021 08:21		22-Oct-2021 09:14		22-Oct-2021 09:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	---	---	---	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	---	---		

Sub-Matrix: EFFLUENT				Client sample ID		25199209 MIN - 02B-2		25197885 MIN - 02B		25198584 MIN - 02B-2	
				Laboratory sample ID		PR21A3811012		PR21A3811019		PR21A3811020	
				Client sampling date / time		22-Oct-2021 09:53		22-Oct-2021 08:24		22-Oct-2021 09:10	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	---	---	---	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	---	---	<0.50	---	<0.50	---		

Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198015 MIN - 02B		25197868 MIN - 02B	
				Laboratory sample ID		PR21A3811027		PR21A3811035		PR21A3811043	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:39		22-Oct-2021 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	---	---	---	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	---	---	0.37	± 17.5%	---	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---		
Acionifen	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	---	---	---	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---		



Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198015 MIN - 02B		25197868 MIN - 02B	
				Laboratory sample ID		PR21A3811027		PR21A3811035		PR21A3811043	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:39		22-Oct-2021 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Bromacil	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cadusafos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carbaryl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbendazim	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbetamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carboxin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198015 MIN - 02B		25197868 MIN - 02B	
				Laboratory sample ID		PR21A3811027		PR21A3811035		PR21A3811043	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:39		22-Oct-2021 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	0.066	± 30.0%		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.070	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198015 MIN - 02B		25197868 MIN - 02B	
				Laboratory sample ID		PR21A3811027		PR21A3811035		PR21A3811043	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:39		22-Oct-2021 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	0.022	± 30.0%		



Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198015 MIN - 02B		25197868 MIN - 02B	
				Laboratory sample ID		PR21A3811027		PR21A3811035		PR21A3811043	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:39		22-Oct-2021 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxyfen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	0.015	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
				Laboratory sample ID		PR21A3811044		PR21A3811051		PR21A3811052	
				Client sampling date / time		22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	----	----	<1.00	----	<1.00	----		



Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
				Laboratory sample ID		PR21A3811044		PR21A3811051		PR21A3811052	
				Client sampling date / time		22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2.4.5-T	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
2.4-D	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
2.4-DB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
2-Chloro-2.6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	<0.500	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
BAM	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	<0.500	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
Laboratory sample ID				PR21A3811044		PR21A3811051		PR21A3811052			
Client sampling date / time				22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	----	---	----	---	----	---
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---	----	---
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Dicamba	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---	----	---
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Diclofop	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---	----	---
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---	----	---
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	<0.400	---	<0.400	---	----	---
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
DNOC	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---	----	---
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Fensulfthion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
				Laboratory sample ID		PR21A3811044		PR21A3811051		PR21A3811052	
				Client sampling date / time		22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	0.064	± 30.0%	----	----	----	----		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	----	<0.200	----	<0.200	----		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	----	----	----	----	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Haloxypyr	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Haloxypyr-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Haloxypyr-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.076	± 30.0%	----	----	----	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	----	----	----	----	----		
loxylinil	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Isoproturon-monomodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
MCPA	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
MCPB	W-PESLMS04	0.020	µg/L	----	----	<0.200	----	<0.200	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	----	----	----	----	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
Laboratory sample ID				PR21A3811044		PR21A3811051		PR21A3811052			
Client sampling date / time				22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	----	---	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	0.024	± 30.0%	----	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25198641 MIN - 02B-2		25197867 MIN - 02B		25198638 MIN - 02B-2	
				Laboratory sample ID		PR21A3811044		PR21A3811051		PR21A3811052	
				Client sampling date / time		22-Oct-2021 09:13		22-Oct-2021 08:20		22-Oct-2021 09:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Terbutylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.019	± 30.0%	----	---	----	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	<0.500	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25197879 MIN - 02B		25198541 MIN - 02B-2		25198013 MIN - 02B	
				Laboratory sample ID		PR21A3811059		PR21A3811060		PR21A3811067	
				Client sampling date / time		22-Oct-2021 08:22		22-Oct-2021 09:09		22-Oct-2021 08:38	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.110	---		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	---	----	---	<0.50	---		
Pesticides											



Sub-Matrix: EFFLUENT				Client sample ID		25197879 MIN - 02B		25198541 MIN - 02B-2		25198013 MIN - 02B	
Laboratory sample ID				PR21A3811059		PR21A3811060		PR21A3811067			
Client sampling date / time				22-Oct-2021 08:22		22-Oct-2021 09:09		22-Oct-2021 08:38			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.114	± 30.0%	0.117	± 30.0%	----	----		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25197879 MIN - 02B		25198541 MIN - 02B-2		25198013 MIN - 02B	
				Laboratory sample ID		PR21A3811059		PR21A3811060		PR21A3811067	
				Client sampling date / time		22-Oct-2021 08:22		22-Oct-2021 09:09		22-Oct-2021 08:38	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	----	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		

Sub-Matrix: EFFLUENT				Client sample ID		25198015 MIN - 02B		25198014 MIN - 02B		----	
				Laboratory sample ID		PR21A3811075		PR21A3811083		----	
				Client sampling date / time		22-Oct-2021 08:39		22-Oct-2021 08:38		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	----		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	----		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	----		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	----		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	----		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	----		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25197851 MIN - 01		25197805 MIN - 02A		25198875 MIN - 02C	
				Laboratory sample ID		PR21A3811001		PR21A3811002		PR21A3811005	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.100	---	<0.100	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25198817 MIN - 03		25198937 MIN - 04		25198595 MIN - 05	
				Laboratory sample ID		PR21A3811006		PR21A3811007		PR21A3811008	
				Client sampling date / time		22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25199115 MIN - 01		25199227 MIN - 02A		25198245 MIN - 02C	
				Laboratory sample ID		PR21A3811009		PR21A3811010		PR21A3811013	
				Client sampling date / time		22-Oct-2021 09:46		22-Oct-2021 09:55		22-Oct-2021 08:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25199218 MIN - 03		25199222 MIN - 04		25199195 MIN - 05	
				Laboratory sample ID		PR21A3811014		PR21A3811015		PR21A3811016	
				Client sampling date / time		22-Oct-2021 09:53		22-Oct-2021 09:54		22-Oct-2021 09:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197861 MIN - 01		25197782 MIN - 02A		25198810 MIN - 02C	
				Laboratory sample ID		PR21A3811017		PR21A3811018		PR21A3811021	
				Client sampling date / time		22-Oct-2021 08:20		22-Oct-2021 08:13		22-Oct-2021 09:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25199003 MIN - 03		25198481 MIN - 04		25198488 MIN - 05	
				Laboratory sample ID		PR21A3811022		PR21A3811023		PR21A3811024	
				Client sampling date / time		22-Oct-2021 09:37		22-Oct-2021 09:06		22-Oct-2021 09:06	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197734 MIN - 01		25197439 MIN - 02A		25197923 MIN - 02C	
				Laboratory sample ID		PR21A3811025		PR21A3811026		PR21A3811029	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.08	---	<0.09	---	<0.08	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197982 MIN - 03		25198008 MIN - 04		25197991 MIN - 05	
				Laboratory sample ID		PR21A3811030		PR21A3811031		PR21A3811032	
				Client sampling date / time		22-Oct-2021 08:35		22-Oct-2021 08:37		22-Oct-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.10	---	<0.11	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197734 MIN - 01		25197439 MIN - 02A		25197923 MIN - 02C	
				Laboratory sample ID		PR21A3811033		PR21A3811034		PR21A3811037	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											



Sub-Matrix: SURFACE WATER				Client sample ID		25197734 MIN - 01		25197439 MIN - 02A		25197923 MIN - 02C	
				Laboratory sample ID		PR21A3811033		PR21A3811034		PR21A3811037	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters - Continued											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.24	± 20.6%	0.33	± 18.1%	0.30	± 18.7%		

Sub-Matrix: SURFACE WATER				Client sample ID		25197982 MIN - 03		25198008 MIN - 04		25197991 MIN - 05	
				Laboratory sample ID		PR21A3811038		PR21A3811039		PR21A3811040	
				Client sampling date / time		22-Oct-2021 08:35		22-Oct-2021 08:37		22-Oct-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.40	± 17.2%	0.39	± 17.2%	0.38	± 17.4%		

Sub-Matrix: SURFACE WATER				Client sample ID		25197850 MIN - 01		25197802 MIN - 02A		25198874 MIN - 02C	
				Laboratory sample ID		PR21A3811041		PR21A3811042		PR21A3811045	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	0.090	± 30.0%	0.178	± 30.0%		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197850 MIN - 01		25197802 MIN - 02A		25198874 MIN - 02C	
				Laboratory sample ID		PR21A3811041		PR21A3811042		PR21A3811045	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difloxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.032	± 30.0%	0.040	± 30.0%	0.035	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197850 MIN - 01		25197802 MIN - 02A		25198874 MIN - 02C	
				Laboratory sample ID		PR21A3811041		PR21A3811042		PR21A3811045	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfotion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.100	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	<0.010	---	0.026	± 30.0%	0.032	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197850 MIN - 01		25197802 MIN - 02A		25198874 MIN - 02C	
Laboratory sample ID				PR21A3811041		PR21A3811042		PR21A3811045			
Client sampling date / time				22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.030	---	0.020	± 30.0%	0.023	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	0.087	± 30.0%	0.075	± 30.0%	0.068	± 30.0%		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197850 MIN - 01		25197802 MIN - 02A		25198874 MIN - 02C	
				Laboratory sample ID		PR21A3811041		PR21A3811042		PR21A3811045	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	0.020	± 30.0%	0.016	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
				Laboratory sample ID		PR21A3811046		PR21A3811047		PR21A3811048	
				Client sampling date / time		22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	0.462	± 30.0%	0.144	± 30.0%	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
Laboratory sample ID				PR21A3811046		PR21A3811047		PR21A3811048			
Client sampling date / time				22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
Laboratory sample ID				PR21A3811046		PR21A3811047		PR21A3811048			
Client sampling date / time				22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.030	---	0.019	± 30.0%	<0.020	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.100	---	<0.100	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.056	± 30.0%	0.057	± 30.0%	0.046	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
Laboratory sample ID				PR21A3811046		PR21A3811047		PR21A3811048			
Client sampling date / time				22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoprazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
Laboratory sample ID				PR21A3811046		PR21A3811047		PR21A3811048			
Client sampling date / time				22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.020	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	0.029	± 30.0%	0.087	± 30.0%	0.047	± 30.0%		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.020	± 30.0%	0.016	± 30.0%	0.012	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198814 MIN - 03		25198932 MIN - 04		25198593 MIN - 05	
				Laboratory sample ID		PR21A3811046		PR21A3811047		PR21A3811048	
				Client sampling date / time		22-Oct-2021 09:27		22-Oct-2021 09:35		22-Oct-2021 09:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197849 MIN - 01		25197801 MIN - 02A		25198871 MIN - 02C	
				Laboratory sample ID		PR21A3811049		PR21A3811050		PR21A3811053	
				Client sampling date / time		22-Oct-2021 08:17		22-Oct-2021 08:14		22-Oct-2021 09:30	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	<1.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.030	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.030	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	0.040	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.020	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.010	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25198813 MIN - 03		25198928 MIN - 04		25198591 MIN - 05	
				Laboratory sample ID		PR21A3811054		PR21A3811055		PR21A3811056	
				Client sampling date / time		22-Oct-2021 09:27		22-Oct-2021 09:34		22-Oct-2021 09:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	<1.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	0.013	± 30.0%		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25198813 MIN - 03		25198928 MIN - 04		25198591 MIN - 05	
				Laboratory sample ID		PR21A3811054		PR21A3811055		PR21A3811056	
				Client sampling date / time		22-Oct-2021 09:27		22-Oct-2021 09:34		22-Oct-2021 09:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.060	± 30.0%	0.043	± 30.0%	0.033	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197857 MIN - 01		25197769 MIN - 02A		25198798 MIN - 02C	
				Laboratory sample ID		PR21A3811057		PR21A3811058		PR21A3811061	
				Client sampling date / time		22-Oct-2021 08:19		22-Oct-2021 08:12		22-Oct-2021 09:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197857 MIN - 01		25197769 MIN - 02A		25198798 MIN - 02C	
				Laboratory sample ID		PR21A3811057		PR21A3811058		PR21A3811061	
				Client sampling date / time		22-Oct-2021 08:19		22-Oct-2021 08:12		22-Oct-2021 09:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	0.054	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25199014 MIN - 03		25198454 MIN - 04		25198490 MIN - 05	
				Laboratory sample ID		PR21A3811062		PR21A3811063		PR21A3811064	
				Client sampling date / time		22-Oct-2021 09:37		22-Oct-2021 09:04		22-Oct-2021 09:06	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25199014 MIN - 03		25198454 MIN - 04		25198490 MIN - 05	
				Laboratory sample ID		PR21A3811062		PR21A3811063		PR21A3811064	
				Client sampling date / time		22-Oct-2021 09:37		22-Oct-2021 09:04		22-Oct-2021 09:06	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.091	± 30.0%	0.091	± 30.0%	0.073	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25199014 MIN - 03		25198454 MIN - 04		25198490 MIN - 05	
				Laboratory sample ID		PR21A3811062		PR21A3811063		PR21A3811064	
				Client sampling date / time		22-Oct-2021 09:37		22-Oct-2021 09:04		22-Oct-2021 09:06	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Thiazafuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197732 MIN - 01		25197436 MIN - 02A		25197921 MIN - 02C	
				Laboratory sample ID		PR21A3811065		PR21A3811066		PR21A3811069	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:30	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.110	---	<0.098	---	<0.094	---		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197980 MIN - 03		25198004 MIN - 04		25197989 MIN - 05	
				Laboratory sample ID		PR21A3811070		PR21A3811071		PR21A3811072	
				Client sampling date / time		22-Oct-2021 08:35		22-Oct-2021 08:37		22-Oct-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.110	---	<0.056	---	<0.130	---		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197734 MIN - 01		25197439 MIN - 02A		25197923 MIN - 02C	
				Laboratory sample ID		PR21A3811073		PR21A3811074		PR21A3811077	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.21	---	<0.20	---	<0.22	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.21	---	<0.20	---	<0.22	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25197982 MIN - 03		25198008 MIN - 04		25197991 MIN - 05	
				Laboratory sample ID		PR21A3811078		PR21A3811079		PR21A3811080	
				Client sampling date / time		22-Oct-2021 08:35		22-Oct-2021 08:37		22-Oct-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.22	---	<0.20	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.22	---	<0.20	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197733 MIN - 01		25197438 MIN - 02A		25197922 MIN - 02C	
				Laboratory sample ID		PR21A3811081		PR21A3811082		PR21A3811085	
				Client sampling date / time		22-Oct-2021 08:08		22-Oct-2021 07:50		22-Oct-2021 08:30	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25197981 MIN - 03		25198006 MIN - 04		25197990 MIN - 05	
				Laboratory sample ID		PR21A3811086		PR21A3811087		PR21A3811088	
				Client sampling date / time		22-Oct-2021 08:35		22-Oct-2021 08:37		22-Oct-2021 08:36	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS(Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.



Analytical Methods	Method Descriptions
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	211021-123	Client Reference:	60663957	Report Number:	622272
Location:	Minworth	Order Number:	606639	Superseded Report:	621707

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 19 January 2022
Customer: Aecom
Sample Delivery Group (SDG): 211126-52
Your Reference: 60663957
Location: Minworth
Report No: 630009
Order Number: 60663

This report has been revised and directly supersedes 627708 in its entirety.

We received 6 samples on Friday November 26, 2021 and 6 of these samples were scheduled for analysis which was completed on Thursday December 30, 2021. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

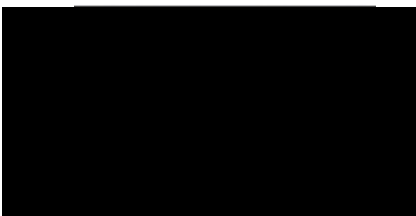
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25409229	MIN-03			25/11/2021
25409228	MIN-04			25/11/2021
25409227	MIN-05			25/11/2021
25409231	MIN-02B			25/11/2021
25409233	MIN-02B(2)			25/11/2021
25409230	MIN-02C			25/11/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend						
<p>X Test</p> <p>N No Determination Possible</p> <p>Sample Types -</p> <p>S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other</p>	Lab Sample No(s)	25409229	25409228	25409227	25409231	25409230
	Customer Sample Reference	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
	AGS Reference					
	Depth (m)					
	Container					
	Sample Type	SW	SW	SW	TS	SW
	Gross Alpha Activity*	All	NDPs: 0 Tests: 6	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 6	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 6	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 6	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: red; color: white; border: 1px solid black; margin-right: 5px; display: flex; align-items: center; justify-content: center;">N</div> No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type																						
								0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
								SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 6					X																					
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 6					X																					
Alkalinity as CaCO3	All	NDPs: 0 Tests: 6								X												X						
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 6											X										X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 6							X													X						
Anions by Kone (w)	All	NDPs: 0 Tests: 6							X													X						
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 6							X													X						
Bromate by IC*	All	NDPs: 0 Tests: 6							X													X						
Chlormequat*	All	NDPs: 0 Tests: 6					X															X						
Chlorophyll-a Cold	All	NDPs: 1 Tests: 5									X												X					
Clostridium Perfringens*	All	NDPs: 1 Tests: 5									X												X					
Colour Test	All	NDPs: 0 Tests: 6							X													X						
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 6							X													X						
Cryptosporidium & Giardia*	All	NDPs: 1 Tests: 5									X												X					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6																X									X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend	Lab Sample No(s)																						
			25409229		MIN-03												25409228						
		Customer Sample Reference		MIN-04																			
		AGS Reference																					
		Depth (m)																					
		Container		0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
		Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 1 Tests: 5		X										X									
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 6							X											X			
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 6		X										X									
Epichlorohydrin*	All	NDPs: 0 Tests: 6		X										X									
Escherichia Coli*	All	NDPs: 1 Tests: 5					X										X						
Faecal Streptococci (W)*	All	NDPs: 1 Tests: 5					X										X						
Fluoride	All	NDPs: 0 Tests: 6				X											X						
Glyphosate and AMPA	All	NDPs: 0 Tests: 6				X											X						
Mercury Dissolved	All	NDPs: 0 Tests: 6							X											X			
Metaldehyde	All	NDPs: 0 Tests: 6		X										X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 6								X													X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 6				X										X							
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 6		X													X						
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 6		X													X						
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 6		X													X						

25409231	MIN-02B			Vial (ALE297)	TS																																																										
				NaOH (ALE245)	TS																																																										
25409227	MIN-05			NaOH (ALE245)	TS																																																										
				HNO3 Unfiltered (ALE204)	TS																																																										
				HNO3 Filtered (ALE204)	TS																																																										
				H2SO4 (ALE244)	TS																																																										
				500ml Plastic (ALE208)	TS																																																										
				330ml plastic bottle (ALE503)	TS																																																										
				250ml Amber Gl. PTFE/PE (ALE219)	TS																																																										
				1plastic (ALE221)	TS																																																										
				0.5l glass bottle (ALE227)	TS																																																										
				Vial (ALE297)	SW																																																										
				NaOH (ALE245)	SW																																																										
				HNO3 Unfiltered (ALE204)	SW																																																										
				HNO3 Filtered (ALE204)	SW																																																										
				H2SO4 (ALE244)	SW																																																										
500ml Plastic (ALE208)	SW																																																														
330ml plastic bottle (ALE503)	SW																																																														
250ml Amber Gl. PTFE/PE (ALE219)	SW																																																														
1plastic (ALE221)	SW																																																														
0.5l glass bottle (ALE227)	SW																																																														
Vial (ALE297)	SW																																																														



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	25409229		25409228																				
	Customer Sample Reference	MIN-03		MIN-04																				
	AGS Reference																							
	Depth (m)																							
	Container	0.5l glass bottle (ALE227)	0.5l plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
		NDPs: 0	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6	Tests: 6
Pesticides by GCMS (W-PESLMS02LL)*	All																							
Pesticides by GCMS (W-PESLMS07)*	All																							
pH Value	All																							
Phosphate by Kone (w)	All																							
Total Coliforms(W)*	All																							
Total Metals by ICP-MS	All																							
Total Organic and Inorganic Carbon	All																							
Turbidity in waters	All																							
TVC 22C 3 day (W)*	All																							
TVC 37C 1 day (W)*	All																							
TVC 37C 2 day (W)*	All																							
VOC MS (W)	All																							

25409231	MIN-02B		Vial (ALE297)	TS																	X	
		NaOH (ALE245)	TS																			
		HNO3 Unfiltered (ALE204)	TS												X							
		HNO3 Filtered (ALE204)	TS																			
		H2SO4 (ALE244)	TS						X													
		500ml Plastic (ALE208)	TS																			
		330ml plastic bottle (ALE503)	TS			X																
		250ml Amber Gl. PTFE/PE (ALE219)	TS				X															
		1plastic (ALE221)	TS							X												
		0.5l glass bottle (ALE227)	TS		X																	
		Vial (ALE297)	SW																			
		NaOH (ALE245)	SW																			
		HNO3 Unfiltered (ALE204)	SW						X													
		HNO3 Filtered (ALE204)	SW																			
		H2SO4 (ALE244)	SW							X												
500ml Plastic (ALE208)	SW								X													
330ml plastic bottle (ALE503)	SW									X												
250ml Amber Gl. PTFE/PE (ALE219)	SW										X											
1plastic (ALE221)	SW																					
0.5l glass bottle (ALE227)	SW		X																			
Vial (ALE297)	SW			X																		



CERTIFICATE OF ANALYSIS

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend	Lab Sample No(s)	25409233													25409230									
	Customer Sample Reference	MIN-02B(2)													MIN-02C									
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	AGS Reference																							
	Depth (m)																							
	Container	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
	Sample Type	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 6	X										X											
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 6	X										X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 6			X												X							
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 6					X											X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 6			X												X							
Anions by Kone (w)	All	NDPs: 0 Tests: 6			X												X							
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 6			X												X							
Bromate by IC*	All	NDPs: 0 Tests: 6			X												X							
Chlormequat*	All	NDPs: 0 Tests: 6	X										X											
Chlorophyll-a Cold	All	NDPs: 1 Tests: 5					N										X							
Clostridium Perfringens*	All	NDPs: 1 Tests: 5					N										X							
Colour Test	All	NDPs: 0 Tests: 6			X												X							
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 6			X												X							
Cryptosporidium & Giardia*	All	NDPs: 1 Tests: 5					N										X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6										X												X

25409230	MIN-02C		Via1 (ALE297)	SW																																												
----------	---------	--	---------------	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52 Report Number: 630009 Superseded Report: 627708
Client Ref.: 60663957 Location: Minworth

Table with columns: Results Legend, Lab Sample No(s), Customer Sample Reference, AGS Reference, Depth (m), Container, Sample Type, and a grid of test results for various analytes like Cyanobacteria, Dissolved Metals, etc.



CERTIFICATE OF ANALYSIS

Validated
SDG: 211126-52

Report Number: 630009

Superseded Report: 627708

Client Ref.: 60663957

Location: Minworth

Results Legend <div style="margin-top: 5px;"> Test No Determination Possible </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)															25409230			
	Customer Sample Reference															MIN-02B(2)			
	AGS Reference																		
	Depth (m)																		
	Container															NaOH (ALE245)			
	Sample Type	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)
		TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	SW	SW	SW	SW	SW	SW	SW	SW
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 6	X								X								
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 6	X								X								
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 6	X								X								
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 6	X								X								
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 6	X								X								
pH Value	All	NDPs: 0 Tests: 6			X									X					
Phosphate by Kone (w)	All	NDPs: 0 Tests: 6			X									X					
Total Coliforms(W)*	All	NDPs: 1 Tests: 5					N								X				
Total Metals by ICP-MS	All	NDPs: 0 Tests: 6								X									X
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 6						X								X			
Tritium by Scintillation	All	NDPs: 0 Tests: 6	X																
Turbidity in waters	All	NDPs: 0 Tests: 6			X									X					
TVC 22C 3 day (W)*	All	NDPs: 1 Tests: 5					N									X			
TVC 37C 1 day (W)*	All	NDPs: 1 Tests: 5					N									X			
TVC 37C 2 day (W)*	All	NDPs: 1 Tests: 5					N									X			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend

Test



No Determination Possible

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)**Customer Sample Reference****AGS Reference****Depth (m)****Container****Sample Type**

VOC MS (W)

All

NDPs: 0
Tests: 6

		25409233	25409230
		MIN-02B(2)	MIN-02C
		NaOH (ALE245)	SW
		HNO ₃ Unfiltered (ALE204)	SW
		HNO ₃ Filtered (ALE204)	SW
		H ₂ SO ₄ (ALE244)	SW
		500ml Plastic (ALE208)	SW
		330ml plastic bottle (ALE503)	SW
		250ml Amber GI. PTFE/PE (ALE219)	SW
		1plastic (ALE221)	SW
		0.5l glass bottle (ALE227)	SW
		Vial (ALE297)	TS
		NaOH (ALE245)	TS
		HNO ₃ Unfiltered (ALE204)	TS
		HNO ₃ Filtered (ALE204)	TS
		H ₂ SO ₄ (ALE244)	TS
		500ml Plastic (ALE208)	TS
		330ml plastic bottle (ALE503)	TS
		250ml Amber GI. PTFE/PE (ALE219)	TS
		1plastic (ALE221)	TS
		0.5l glass bottle (ALE227)	TS
		X	

25409230	MIN-02C			Via1 (ALE297)	SW	X
----------	---------	--	--	---------------	----	---



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend		Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.fltr Dissolved / filtered sample. tot.unfltr Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method						
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<2	<2	<2	<2	<2	<2
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.22	<0.22		<0.2	<0.29	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<60	<60	<5
Chlormequat*	<0.1 µg/l	SUB	<1	<1	<1	<1	<1	<1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7	<7	<7	<7		<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<1.01	<0.935	<0.917	<0.98		<0.971
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	1940	0	0		0
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.05	<0.06		<0.04	<0.06	<0.06
Gross Beta Activity*	<0.1 Bq/l	SUB	0.52	0.48		0.62	0.55	0.69
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100		>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>80	>100	>100	>100		>100
Giardia (B0X)*	<0 cysts/10L	SUB	<1.01	<0.935	<0.917	<0.98		<0.971
Pb-210*	<10 Bq/l	SUB	<10	<10		<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	0.075	<0.05	<0.062	<0.05	<0.05	<0.05	0.1
K-40*	<2 Bq/l	SUB	<2	<2		<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acetamidipid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1		<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.22	<0.22		<0.2	<0.29	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2		<0.2	<0.28	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10		<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2		<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	0.139	0.218	<0.1	<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference								
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	<0.01	<0.013	<0.01	<0.01	<0.01	<0.01	<0.01
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-toloxoy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB	0.085	0.084	0.07	0.118	0.109	0.08	0.08
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
Date Sampled	25/11/2021	Surface Water (SW)	25/11/2021	Surface Water (SW)	25/11/2021	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
Sample Time	12:47:00		11:26:00		10:30:00		15:23:00	15:23:00	13:56:00
Date Received	26/11/2021		26/11/2021		26/11/2021		26/11/2021	26/11/2021	26/11/2021
SDG Ref	211126-52		211126-52		211126-52		211126-52	211126-52	211126-52
Lab Sample No.(s)	25409229		25409228		25409227		25409231	25409233	25409230
AGS Reference									
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	0.019	0.013	<0.01	<0.01	<0.01	<0.01	0.016
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.027
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	0.14	<0.02	<0.02	<0.02	0.029	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02
Malaaxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Paclitaxel*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primsulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.15	<0.05	<0.15	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)	Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)	
Date Sampled	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	
Sample Time	12:47:00	11:26:00	10:30:00	11:26:00	10:30:00	15:23:00	15:23:00	13:56:00	
Date Received	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	
SDG Ref	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	
Lab Sample No.(s)	25409229	25409228	25409227	25409231	25409233	25409230			
AGS Reference									
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	0.013	0.012	<0.01	<0.01	0.014	
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbutryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
Date Sampled	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021
Sample Time	12:47:00	11:26:00	10:30:00	15:23:00	15:23:00	15:23:00	15:23:00	15:23:00	13:56:00
Date Received	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021
SDG Ref	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52
Lab Sample No.(s)	25409229	25409228	25409227	25409231	25409233	25409231	25409231	25409233	25409230
AGS Reference									
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	119 #	123 #	153 #	44.7 #	52.3 #	116 #	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	13	11.4	8.97	9.38	8.74	12.3	
Organic Carbon, Total	<3 mg/l	TM090	11.7 #	10.7 #	7.38 #	8.17 #	9.14 #	11.2 #	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.699 #	<0.2 #	<0.2 #	<0.2 #	<0.2 #	0.284 #	
Fluoride	<0.5 mg/l	TM104	1.01	0.883	<0.5	1.65	0.852	0.919	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.764 #	0.777 #	0.881 #	0.661 #	0.648 #	0.781 #	
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	
Aluminium (diss.filt)	<10 µg/l	TM152	10.3 #	27.8 #	<10 #	12.1 #	<10 #	16.8 #	
Antimony (diss.filt)	<1 µg/l	TM152	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.38 #	1.54 #	1.56 #	0.736 #	0.716 #	1.18 #	
Boron (diss.filt)	<10 µg/l	TM152	256 #	226 #	177 #	102 #	106 #	299 #	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	
Chromium (diss.filt)	<1 µg/l	TM152	2.06 #	1.87 #	<1 #	1.25 #	1.04 #	2.46 #	
Copper (diss.filt)	<0.3 µg/l	TM152	2.81 #	4.82 #	3.82 #	0.722 #	0.775 #	3.1 #	
Lead (diss.filt)	<0.2 µg/l	TM152	0.285 #	1.49 #	<0.2 #	0.426 #	0.436 #	0.811 #	
Manganese (diss.filt)	<3 µg/l	TM152	122 #	102 #	40.4 #	65 #	64.2 #	63.7 #	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	265 #	314 #	349 #	582 #	586 #	334 #	
Nickel (diss.filt)	<0.4 µg/l	TM152	22.9 #	18.3 #	12.1 #	7.85 #	7.65 #	22.5 #	
Selenium (diss.filt)	<1 µg/l	TM152	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	65.7 #	60.4 #	66 #	57.8 #	57.2 #	66.8 #	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0752 #	0.13 #	0.047 #	0.0651 #	0.054 #	0.0841 #	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	226	265	319	165	164	234	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M MCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
Date Sampled	25/11/2021	Surface Water (SW)	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021
Sample Time	12:47:00	Surface Water (SW)	11:26:00	11:26:00	10:30:00	15:23:00	15:23:00	15:23:00	13:56:00
Date Received	26/11/2021	Surface Water (SW)	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021
SDG Ref	211126-52	Surface Water (SW)	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52
Lab Sample No.(s)	25409229	Surface Water (SW)	25409228	25409228	25409227	25409231	25409231	25409233	25409230
AGS Reference									
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.709	0.49	0.309	0.255	0.243	0.387	#
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.302	0.626	0.719	1.19	1.52	0.23	#
Sulphate	<2 mg/l	TM184	97.3	113	138	92.9	89.6	106	#
Chloride	<2 mg/l	TM184	94.7	89.6	97.2	90.1	86.8	97.6	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0985	0.204	0.235	0.388	0.495	0.0751	#
Nitrate as NO3	<0.3 mg/l	TM184	65.3	65.9	57.3	65.6	61.5	67.9	#
Turbidity	<0.1 ntu	TM195	3.47	2.85	1.02	1.57	2.85	3.17	#
Bromide	<0.06 mg/l	TM226	0.271	0.233	0.22	0.166	0.174	0.44	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	#
pH	<1 pH Units	TM256	7.53	7.77	8.04	6.99	6.87	7.62	#
Apparent Colour	<1 mg/l Pt/Co	TM261	43.6	36.3	28.9	28.9	31.1	41.5	#
True Colour	<1 mg/l Pt/Co	TM261	29.5	24	19.9	15.9	17.3	26.2	#
Trifluralin	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
alpha-HCH	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Heptachlor	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Aldrin	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
beta-HCH	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Isodrin	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
delta-HCH	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Heptachlor epoxide	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
o,p'-DDE	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endosulphan I	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
trans-Chlordane	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
cis-Chlordane	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
p,p'-DDE	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Dieldrin	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endrin	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
o,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.01	<0.01	<0.01	<0.02	<0.01	#
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endosulphan II	<0.02 µg/l	TM343	<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	#
p,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.01	<0.01	<0.01	<0.02	<0.01	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.04	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.04	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.12	<0.02	<0.02	<0.02	<0.02	<0.06	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	<0.11	<0.07	<0.14	<0.04	<0.03	<0.03	<0.13
Atrazine	<0.01 µg/l	TM344	<0.11	<0.05	<0.1	<0.03	<0.05	<0.05	<0.16
Simazine	<0.01 µg/l	TM344	<0.42	<0.19	<0.01	<0.01	<0.01	<0.01	<0.52
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.04	<0.04	<0.04	<0.02	<0.02	<0.04
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	0.278	0.212	0.139	0.122	0.143	0.236	
AMPA	<0.1 µg/l	TM413	1.43	1.27	1.02	0.639	0.769	1.12	
Metaldehyde	<10 ng/l	TM416	<10	<20	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)	
M	mCERTS accredited.			25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021
aq	Aqueous / settled sample.			12:47:00	11:26:00	10:30:00	15:23:00	15:23:00	13:56:00	13:56:00
diss.filt	Dissolved / filtered sample.			26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021	26/11/2021
tot.unfilt	Total / unfiltered sample.			211126-52	211126-52	211126-52	211126-52	211126-52	211126-52	211126-52
	Subcontracted - refer to subcontractor report for accreditation status.			25409229	25409228	25409227	25409231	25409233	25409230	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*#	@ Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	0.0113	<0.01	<0.01	0.0702	0.0859	0.455	#	
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.018	0.0242	0.109	#	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	0.0078	#	
Fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.331	0.261	2.85	#	
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	#	
Phenanthrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.389	0.387	2.61	#	
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0105	0.0143	0.0662	#	
Chrysene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.203	0.18	1.38	#	
Pyrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.213	0.178	2.14	#	
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0621	0.0516	0.427	#	
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.143	0.113	1.15	#	
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0595	0.0434	0.471	#	
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	<0.002	<0.002	<0.002	0.056	0.05	0.503	#	
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0098	<0.005	0.0886	#	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0896	0.0677	0.572	#	
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0531	0.0442	0.419	#	
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082	<0.082	<0.082	1.71	1.5	13.3	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

VOC MS (W)

Results Legend			Customer Sample Ref.		MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230		
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208	118	125	123	120	115	121		
Toluene-d8**	%	TM208	101	99.6	98.8	100	100	100		
4-Bromofluorobenzene**	%	TM208	99.8	100	99.2	100	98.8	99.8		
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 25/11/2021 12:47:00 26/11/2021 211126-52 25409229	Surface Water (SW) 25/11/2021 11:26:00 26/11/2021 211126-52 25409228	Surface Water (SW) 25/11/2021 10:30:00 26/11/2021 211126-52 25409227	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409231	Treated Sewage (TS) 25/11/2021 15:23:00 26/11/2021 211126-52 25409233	Surface Water (SW) 25/11/2021 13:56:00 26/11/2021 211126-52 25409230
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromoethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Chlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Ethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
m,p-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
o-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
Styrene	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromofom	<1 µg/l	TM208	#	#	#	#	#	#	#
Isopropylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Propylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
2-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
sec-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-iso-Propyltoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,4-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
n-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Hexachlorobutadiene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	#	#	#	#	#	#	#
Naphthalene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Notification of NDPs (No determination possible)

Date Received : 26/11/2021 08:36:50

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
25409233	MIN-02B(2)		Cyanobacteria (Blue Green algae)*	See Comments for cancellation details
25409233	MIN-02B(2)		Chlorophyll-a Cold	See Comments for cancellation details
25409233	MIN-02B(2)		Cryptosporidium & Giardia*	See Comments for cancellation details
25409233	MIN-02B(2)		TVC 37C 1 day (W)*	See Comments for cancellation details
25409233	MIN-02B(2)		TVC 37C 2 day (W)*	See Comments for cancellation details
25409233	MIN-02B(2)		TVC 22C 3 day (W)*	See Comments for cancellation details
25409233	MIN-02B(2)		Faecal Streptococci (W)*	See Comments for cancellation details
25409233	MIN-02B(2)		Escherichia Coli*	See Comments for cancellation details
25409233	MIN-02B(2)		Clostridium Perfringens*	See Comments for cancellation details
25409233	MIN-02B(2)		Total Coliforms(W)*	See Comments for cancellation details



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211126-52
Client Ref.: 60663957

Report Number: 630009
Location: Minworth

Superseded Report: 627708

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.
AGS Ref.
Depth
Type

	25409229	25409228	25409227	25409231	25409233	25409230
	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
Surface Water	Surface Water	Surface Water	Treated Sewag	Treated Sewag	Surface Water	
Acid Herbicides by LCMS*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Acrylamide by LCMS (W)*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Alkalinity as CaCO3	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021
Ammoniacal Nitrogen	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021
Anions by ion Chromatography	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021
Anions by Kone (w)	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021
Artificial radionuclide by HR gamma	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Bromate by IC*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Chloromequat*	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021
Chlorophyll-a Cold	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Clostridium Perfringens*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Colour Test	30-Nov-2021	29-Nov-2021	30-Nov-2021	29-Nov-2021	30-Nov-2021	30-Nov-2021
Conductivity (at 20 deg.C)	01-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	01-Dec-2021	02-Dec-2021
Cryptosporidium & Giardia*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Cyanide Comp/Free/Total/Thiocyanate	02-Dec-2021	06-Dec-2021	03-Dec-2021	02-Dec-2021	02-Dec-2021	06-Dec-2021
Cyanobacteria (Blue Green algae)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Dissolved Metals by ICP-MS	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021
Dissolved Organic/Inorganic Carbon	30-Dec-2021	30-Dec-2021	30-Dec-2021	30-Dec-2021	30-Dec-2021	30-Dec-2021
Epichlorohydrin*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Escherichia Coli*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Faecal Streptococci (W)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Fluoride	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021
Glyphosate and AMPA	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021
Gross Alpha Activity*	23-Dec-2021	23-Dec-2021		23-Dec-2021	23-Dec-2021	23-Dec-2021
Gross beta activity	23-Dec-2021	23-Dec-2021		23-Dec-2021	23-Dec-2021	23-Dec-2021
Mercury Dissolved	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021
Metaldehyde	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021
Natural radionuclide by HR gamma	23-Dec-2021	23-Dec-2021		23-Dec-2021	23-Dec-2021	23-Dec-2021
Nitrite by Kone (w)	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021
PAH Spec MS - Aqueous (W)	02-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021	02-Dec-2021	03-Dec-2021
Pesticides (Suite I) by GCMS	02-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	02-Dec-2021	06-Dec-2021
Pesticides (Suite II) by GCMS	08-Dec-2021	09-Dec-2021	09-Dec-2021	09-Dec-2021	08-Dec-2021	09-Dec-2021
Pesticides (Suite III) by GCMS	07-Dec-2021	07-Dec-2021	07-Dec-2021	07-Dec-2021	07-Dec-2021	07-Dec-2021
Pesticides by GCMS (W-PESLMS02LL)*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Pesticides by GCMS (W-PESLMS07)*	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
pH Value	01-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	01-Dec-2021	02-Dec-2021
Phosphate by Kone (w)	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021	02-Dec-2021
Total Coliforms(W)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
Total Metals by ICP-MS	04-Dec-2021	04-Dec-2021	04-Dec-2021	04-Dec-2021	04-Dec-2021	04-Dec-2021
Total Organic and Inorganic Carbon	14-Dec-2021	14-Dec-2021	07-Dec-2021	07-Dec-2021	14-Dec-2021	14-Dec-2021
Tritium by Scintillation	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021	23-Dec-2021
Turbidity in waters	01-Dec-2021	01-Dec-2021	02-Dec-2021	02-Dec-2021	01-Dec-2021	01-Dec-2021
TVC 22C 3 day (W)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
TVC 37C 1 day (W)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
TVC 37C 2 day (W)*	03-Dec-2021	03-Dec-2021	03-Dec-2021	03-Dec-2021		03-Dec-2021
VOC MS (W)	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021	06-Dec-2021



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

02 December 2021

Test Report: COV/2237236/2021

Dear Subcon Results

Analysis of your sample(s) received on 25 November 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

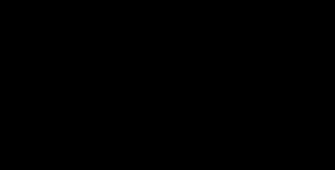
An invoice for the analysis carried out will be sent under separate cover.

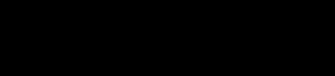
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Legionella Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**

ANALYSED BY



Individuals' names and signatures redacted

Date of Issue: **02 December 2021**

Report Number: **COV/2237236/2021**

Issue **1**

This issue replaces all previous issues

Job Description: 2021 Analysis

Number of Samples included in this report **5**

Job Received: **25 November 2021**

Number of Test Results included in this report **80**

Analysis Commenced: **26 November 2021**

Signed:



Name:



Date: **02 December 2021**

Title:

Legionella Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2237236/2021**
 Laboratory Number: **21101363**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **Min - 05**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **25 November 2021 10:30**
 Sample Received: **25 November 2021**
 Analysis Complete: **02 December 2021**

Issue **1**
 Sample **1** of **5**

Sample Reference: **1**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	27/11/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	27/11/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	30/11/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	01/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	27/11/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	27/11/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	28/11/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	29/11/2021	Y Cov	W7
Crypto Sample 4-6um	<0.91743	Oocysts10L	30/11/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	30/11/2021	Y Cov	W1
Giardia Sample	<0.91743	cysts/10l	30/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	27/11/2021	N Cov	W44

Analyst Comments for 21101363:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as faecium, Enterococcus faecalis, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

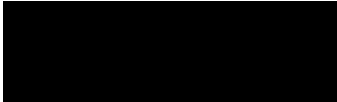

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 02 December 2021
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2237236/2021**
Laboratory Number: **21101364**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min - 04**
Sample Matrix: **Ground Water**
Sample Date/Time: **25 November 2021 11:26**
Sample Received: **25 November 2021**
Analysis Complete: **02 December 2021**

Issue **1**
Sample **2** of **5**

Sample Reference: **2**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	27/11/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	27/11/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	30/11/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	01/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	27/11/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	27/11/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	28/11/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	29/11/2021	Y Cov	W7
Crypto Sample 4-6um	<0.93458	Oocysts10L	30/11/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	30/11/2021	Y Cov	W1
Giardia Sample	<0.93458	cysts/10l	30/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	1939	cells/ml	27/11/2021	N Cov	W44

Analyst Comments for 21101364:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

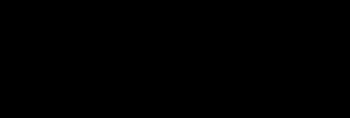

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 02 December 2021
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2237236/2021**
Laboratory Number: **21101365**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **Min - 03**
Sample Matrix: **Ground Water**
Sample Date/Time: **25 November 2021 12:47**
Sample Received: **25 November 2021**
Analysis Complete: **02 December 2021**

Issue **1**
Sample **3** of **5**

Sample Reference: **3**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	27/11/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	27/11/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	01/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	02/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	27/11/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	27/11/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	28/11/2021	Y Cov	W7
Enterococci confirmed	>80	cfu/100ml	29/11/2021	Y Cov	W7
Crypto Sample 4-6um	<1.01010	Oocysts10L	30/11/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	01/12/2021	Y Cov	W1
Giardia Sample	<1.01010	cysts/10l	30/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	27/11/2021	N Cov	W44

Analyst Comments for 21101365:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:	[Redacted Signature]	Name:	[Redacted Name]	Date: 02 December 2021
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2237236/2021**
 Laboratory Number: **21101366**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **Min - 02C**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **25 November 2021 13:56**
 Sample Received: **25 November 2021**
 Analysis Complete: **02 December 2021**

Issue **1**
 Sample **4** of **5**

Sample Reference: **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	27/11/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	27/11/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	01/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	02/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	27/11/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	27/11/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	27/11/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	28/11/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	29/11/2021	Y Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	30/11/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	27/11/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	30/11/2021	Y Cov	W1
Giardia Sample	<0.97087	cysts/10l	30/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	27/11/2021	N Cov	W44

Analyst Comments for 21101366:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus hirae. TVC Estimated. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

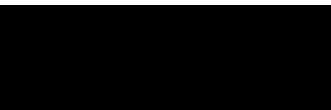
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 02 December 2021

Title: Legionella Team Leader

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2237236/2021**
 Laboratory Number: **21101367**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **Min - 02B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **25 November 2021 15:23**
 Sample Received: **25 November 2021**
 Analysis Complete: **02 December 2021**

Issue **1**
 Sample **5** of **5**

Sample Reference: **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	27/11/2021	N Cov	W45
Phaeophytin	<6.00	ug/l	27/11/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	27/11/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	01/12/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	02/12/2021	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	27/11/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	27/11/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	27/11/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	27/11/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	28/11/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	29/11/2021	N Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	30/11/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	27/11/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	30/11/2021	N Cov	W1
Giardia Sample	<0.98039	cysts/10l	30/11/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	27/11/2021	N Cov	W44

Analyst Comments for 21101367:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 60 ml filtered for Clostridium Perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:	[Redacted Signature]	Name: [Redacted Name]	Date: 02 December 2021
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2237236/2021

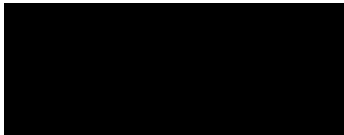
Issue 1

This issue replaces all previous issues

Date of Issue: 02 December 2021

Sample No	Analysis Comments
21101363	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as faecium, Enterococcus faecalis, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.
21101364	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.
21101365	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.
21101366	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus hirae. TVC Estimated. TVC Estimated. TVC Estimated.
21101367	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 60 ml filtered for Clostridium Perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated. TVC Estimated.

Signed:



Name: [Redacted]

Date: **02 December 2021**

Title: **Legionella Team Leader**

Individuals' names and signatures redacted



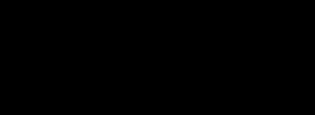

DETERMINAND COMMENTS FOR REPORT COV/2237236/2021

ISSUE 1

This issue replaces all previous issues

Date of Issue: 02 December 2021

Sample No	Description	Determinand	Comments
21101363	Min - 05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21101363	Min - 05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21101363	Min - 05	TVC 22C 3 day	TVC Estimated.
21101363	Min - 05	TVC 37C 2 day	TVC Estimated.
21101363	Min - 05	Enterococci confirmed	Enterococci identified as faecium, Enterococcus faecalis, Enterococcus hirae.
21101363	Min - 05	TVC 37C 1 day	TVC Estimated.
21101363	Min - 05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21101364	Min - 04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21101364	Min - 04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21101364	Min - 04	TVC 22C 3 day	TVC Estimated.
21101364	Min - 04	TVC 37C 2 day	TVC Estimated.
21101364	Min - 04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus species.
21101364	Min - 04	TVC 37C 1 day	TVC Estimated.
21101364	Min - 04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21101365	Min - 03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21101365	Min - 03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21101365	Min - 03	TVC 22C 3 day	TVC Estimated.
21101365	Min - 03	TVC 37C 2 day	TVC Estimated.
21101365	Min - 03	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species.
21101365	Min - 03	TVC 37C 1 day	TVC Estimated.
21101365	Min - 03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21101366	Min - 02C	TVC 22C 3 day	TVC Estimated.
21101366	Min - 02C	TVC 37C 2 day	TVC Estimated.
21101366	Min - 02C	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus hirae.
21101366	Min - 02C	TVC 37C 1 day	TVC Estimated.
21101367	Min - 02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21101367	Min - 02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21101367	Min - 02B	TVC 22C 3 day	TVC Estimated.
21101367	Min - 02B	TVC 37C 2 day	TVC Estimated.
21101367	Min - 02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species.
21101367	Min - 02B	TVC 37C 1 day	TVC Estimated.
21101367	Min - 02B	Clostridium Perfringens, Pres	Only 60 ml filtered for Clostridium Perfringens due to nature of the sample.

Signed: 	Name: 	Date: 02 December 2021
	Title: Legionella Team Leader	

Page Intentionally Left Blank

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-16527-1

Issue No.: 1

Date of Issue 15/12/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 211126-52

Customer Reference: 211126-52

Quotation Reference: 211028/06

Description: 6 water samples

Date Received: 01/12/2021

Date Started: 08/12/2021

Date Completed: 15/12/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-16527-1

Customer Reference: 211126-52

Customer Order No: 211126-52

Customer Sample No	25422998	25423190	25423288	25423083	25422833	25423075
Customer Sample ID	MIN-02B	MIN-02B(2)	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	478648	478649	478650	478651	478652	478653
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021	25/11/2021

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

Comments**Report No.: 21-16527-1**

Customer Reference: 211126-52

Customer Order No: 211126-52

Job	Description	Job Comments
21-16527	6 water samples	Reporting limit has been raised due to matrix interference.

Deviating Samples

Report No.: 21-16527-1

Customer Reference: 211126-52

Customer Order No: 211126-52

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
478648	25422998		25/11/2021	500ml amber glass bottle	No	
478649	25423190		25/11/2021	500ml green glass bottle	No	
478650	25423288		25/11/2021	500ml amber glass bottle	No	
478651	25423083		25/11/2021	500ml amber glass bottle	No	
478652	25422833		25/11/2021	500ml amber glass bottle	No	
478653	25423075		25/11/2021	500ml amber glass bottle	No	

Report No.: 21-16527-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21B7900	Issue Date	: 23-Dec-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211126-52	Page	: 1 of 26
Order number	: 211126-52	Date Samples Received	: 03-Dec-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 03-Dec-2021 - 23-Dec-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR21B7900/031-036 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

W-RAD-NAT: LOR increased due to the low sample volume.

Sample(s) PR21B7900/007-008 method W-BRO3-IC- LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR21B7900/037-042, method W-PESLMS04 - the LOR is increased due to matrix interferences.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 1.12.2021.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25423005 MIN-02B		25423158 MIN-02B(2)		25422983 MIN-02B	
				Laboratory sample ID		PR21B7900001		PR21B7900002		PR21B7900007	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	---	<60.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25423179 MIN-02B(2)		25423013 MIN-02B		25423195 MIN-02B(2)	
				Laboratory sample ID		PR21B7900008		PR21B7900013		PR21B7900014	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<60.0	---	----	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---		

Sub-Matrix: EFFLUENT				Client sample ID		25422757 MIN-02B		25423359 MIN-02B(2)		25422757 MIN-02B	
				Laboratory sample ID		PR21B7900019		PR21B7900020		PR21B7900025	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.06	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	----	---	0.62	± 15.9%		

Sub-Matrix: EFFLUENT				Client sample ID		25423359 MIN-02B(2)		25423002 MIN-02B		25423154 MIN-02B(2)	
				Laboratory sample ID		PR21B7900026		PR21B7900031		PR21B7900032	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.55	± 16.2%	----	---	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetamidiprid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		



Sub-Matrix: EFFLUENT				Client sample ID		25423359 MIN-02B(2)		25423002 MIN-02B		25423154 MIN-02B(2)	
				Laboratory sample ID		PR21B7900026		PR21B7900031		PR21B7900032	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoaxuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		



Sub-Matrix: EFFLUENT				Client sample ID		25423359 MIN-02B(2)		25423002 MIN-02B		25423154 MIN-02B(2)	
				Laboratory sample ID		PR21B7900026		PR21B7900031		PR21B7900032	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	0.029	± 30.0%		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	<0.200	----	<0.200	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	<0.040	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25423359 MIN-02B(2)		25423002 MIN-02B		25423154 MIN-02B(2)	
Laboratory sample ID				PR21B7900026		PR21B7900031		PR21B7900032			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metaxalyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		



Sub-Matrix: EFFLUENT				Client sample ID		25423359 MIN-02B(2)		25423002 MIN-02B		25423154 MIN-02B(2)	
Laboratory sample ID				PR21B7900026		PR21B7900031		PR21B7900032			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propanil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.150	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Quinoxyfen	W-PESLMS02	0.040	µg/L	----	----	<0.040	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID			25423001 MIN-02B		25423151 MIN-02B(2)		25422989 MIN-02B	
				Laboratory sample ID			PR21B7900037		PR21B7900038		PR21B7900043	
				Client sampling date / time			[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU			
Pesticides												
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	---	---			
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---			
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
Amidithion	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	---	---			
Anilazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Azaconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	---	---			
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---			
Buprofezin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Clofentezine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---			
Cyflufenamid	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Desmedipham	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---			
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---			
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dimethenamid OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dimoxystrobin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---			
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	---	---			
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---			
Etoxadole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Famoxadone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Famphur	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fenothiocarb	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fludioxonil	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Flufenacet	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Flufenacet ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Flufenacet OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fluopyram	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fluquinconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---			
Flutriafol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Fosthiazate	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Furalaxyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			
Imidacloprid	W-PESLMS07	0.050	µg/L	---	---	---	---	0.118	± 30.0%			
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---			



Sub-Matrix: EFFLUENT				Client sample ID		25423001 MIN-02B		25423151 MIN-02B(2)		25422989 MIN-02B	
				Laboratory sample ID		PR21B7900037		PR21B7900038		PR21B7900043	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	0.139	± 30.0%	0.218	± 30.0%	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pyridaben	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalphos	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Sedaxane	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	----	<0.300	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	----	<0.500	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	----	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflururon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		

Sub-Matrix: EFFLUENT				Client sample ID		25423193 MIN-02B(2)		25422984 MIN-02B		25423180 MIN-02B(2)	
				Laboratory sample ID		PR21B7900044		PR21B7900049		PR21B7900050	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	<0.50	----		
Pesticides											



Sub-Matrix: EFFLUENT				Client sample ID		25423193 MIN-02B(2)		25422984 MIN-02B		25423180 MIN-02B(2)	
Laboratory sample ID				PR21B7900044		PR21B7900049		PR21B7900050			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.109	± 30.0%	----	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25423193 MIN-02B(2)		25422984 MIN-02B		25423180 MIN-02B(2)	
				Laboratory sample ID		PR21B7900044		PR21B7900049		PR21B7900050	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25422757 MIN-02B		25423359 MIN-02B(2)		25422756 MIN-02B	
				Laboratory sample ID		PR21B7900055		PR21B7900056		PR21B7900061	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	----	---	<5.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.29	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.28	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.29	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25423338 MIN-02B(2)		----		----	
				Laboratory sample ID		PR21B7900062		----		----	
				Client sampling date / time		[01-Dec-2021]		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25423248 MIN-02C		25423090 MIN-03		25422876 MIN-04	
				Laboratory sample ID		PR21B7900003		PR21B7900004		PR21B7900005	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423055 MIN-05		25423232 MIN-02C		25423107 MIN-03	
				Laboratory sample ID		PR21B7900006		PR21B7900009		PR21B7900010	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	----	<5.0	----	<5.0	----		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	----	----	----	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25422818 MIN-04		25423061 MIN-05		25423250 MIN-02C	
				Laboratory sample ID		PR21B7900011		PR21B7900012		PR21B7900015	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	----	<5.0	----	----	----		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	----	----	----	<0.50	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25423100 MIN-03		25422870 MIN-04		25423049 MIN-05	
				Laboratory sample ID		PR21B7900016		PR21B7900017		PR21B7900018	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	----	<0.50	----	<0.50	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25422781 MIN-02C		25423304 MIN-03		25422789 MIN-04	
				Laboratory sample ID		PR21B7900021		PR21B7900022		PR21B7900023	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.06	----	<0.05	----	<0.06	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25422776 MIN-05		25422781 MIN-02C		25423304 MIN-03	
				Laboratory sample ID		PR21B7900024		PR21B7900027		PR21B7900028	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	----	----	----	----	----		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	----	0.69	± 15.8%	0.52	± 16.3%		

Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
				Laboratory sample ID		PR21B7900029		PR21B7900030		PR21B7900033	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.48	± 16.6%	0.43	± 16.9%	----	----		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
Laboratory sample ID				PR21B7900029		PR21B7900030		PR21B7900033			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Acetochlor	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Aclonifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Alachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Aldicarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ametryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Atraton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
BAM	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
BDMC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Bifenox	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Bitertanol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Boscalid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bromacil	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cadusafos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carbaryl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbendazim	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbetamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carboxin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
Laboratory sample ID				PR21B7900029		PR21B7900030		PR21B7900033			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorimid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difloxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.016	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	0.027	± 30.0%		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxifop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
Laboratory sample ID				PR21B7900029		PR21B7900030		PR21B7900033			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.200	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
Laboratory sample ID				PR21B7900029		PR21B7900030		PR21B7900033			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	0.014	----	± 30.0%	
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxyfen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422789 MIN-04		25422776 MIN-05		25423245 MIN-02C	
				Laboratory sample ID		PR21B7900029		PR21B7900030		PR21B7900033	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25423086 MIN-03		25422873 MIN-04		25423052 MIN-05	
				Laboratory sample ID		PR21B7900034		PR21B7900035		PR21B7900036	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	----	<0.050	----	<0.050	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	----	<0.040	----	<0.040	----		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	----	<0.040	----	<0.040	----		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
BAM	W-PESLMS02	0.010	µg/L	<0.010	----	<0.013	----	<0.010	----		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	----	<0.040	----	<0.040	----		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25423086 MIN-03		25422873 MIN-04		25423052 MIN-05	
				Laboratory sample ID		PR21B7900034		PR21B7900035		PR21B7900036	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrctophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.019	± 30.0%	0.013	± 30.0%	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423086 MIN-03		25422873 MIN-04		25423052 MIN-05	
Laboratory sample ID				PR21B7900034		PR21B7900035		PR21B7900036			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	0.140	± 30.0%	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	<0.200	---	<0.200	---	<0.100	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaonox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423086 MIN-03		25422873 MIN-04		25423052 MIN-05	
Laboratory sample ID				PR21B7900034		PR21B7900035		PR21B7900036			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.150	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.020	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.010	µg/L	<0.010	---	0.013	± 30.0%	0.012	± 30.0%		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423086 MIN-03		25422873 MIN-04		25423052 MIN-05	
				Laboratory sample ID		PR21B7900034		PR21B7900035		PR21B7900036	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbutylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25423243 MIN-02C		25423085 MIN-03		25422872 MIN-04	
				Laboratory sample ID		PR21B7900039		PR21B7900040		PR21B7900041	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423243 MIN-02C		25423085 MIN-03		25422872 MIN-04	
				Laboratory sample ID		PR21B7900039		PR21B7900040		PR21B7900041	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	<0.400	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25423051 MIN-05		25423279 MIN-02C		25423099 MIN-03	
				Laboratory sample ID		PR21B7900042		PR21B7900045		PR21B7900046	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	----	---	----	---		
2,4,5-T	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2,4,5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2,4-D	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2,4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
2,4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423051 MIN-05		25423279 MIN-02C		25423099 MIN-03	
Laboratory sample ID				PR21B7900042		PR21B7900045		PR21B7900046			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.080	± 30.0%	0.085	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25423051 MIN-05		25423279 MIN-02C		25423099 MIN-03	
				Laboratory sample ID		PR21B7900042		PR21B7900045		PR21B7900046	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	----	----	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	<0.10	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triflururon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25422868 MIN-04		25423041 MIN-05		25423235 MIN-02C	
				Laboratory sample ID		PR21B7900047		PR21B7900048		PR21B7900051	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	0.100	± 55.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	----	<0.050	----	----	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25422868 MIN-04		25423041 MIN-05		25423235 MIN-02C	
				Laboratory sample ID		PR21B7900047		PR21B7900048		PR21B7900051	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.084	± 30.0%	0.070	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25423108 MIN-03		25422819 MIN-04		25423062 MIN-05	
				Laboratory sample ID		PR21B7900052		PR21B7900053		PR21B7900054	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.075	± 60.0%	<0.050	---	<0.062	---		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25422781 MIN-02C		25423304 MIN-03		25422789 MIN-04	
				Laboratory sample ID		PR21B7900057		PR21B7900058		PR21B7900059	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.22	---	<0.22	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.22	---	<0.22	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25422776 MIN-05		25422780 MIN-02C		25423303 MIN-03	
				Laboratory sample ID		PR21B7900060		PR21B7900063		PR21B7900064	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	<5.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.23	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.23	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25422788 MIN-04		25422768 MIN-05		----	
				Laboratory sample ID		PR21B7900065		PR21B7900066		----	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	----	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS(Ag) scintillator.



Analytical Methods	Method Descriptions
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	211126-52	Client Reference:	60663957	Report Number:	630009
Location:	Minworth	Order Number:	60663	Superseded Report:	627708

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Individuals' names and signatures redacted

Aecom
1 New York Street
Manchester
M1 4HD

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 20 January 2022
Customer: Aecom
Sample Delivery Group (SDG): 211127-83
Your Reference: 60663957
Location: Minworth
Report No: 630125
Order Number: 60663

This report has been revised and directly supersedes 627649 in its entirety.

We received 2 samples on Saturday November 27, 2021 and 2 of these samples were scheduled for analysis which was completed on Thursday January 20, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

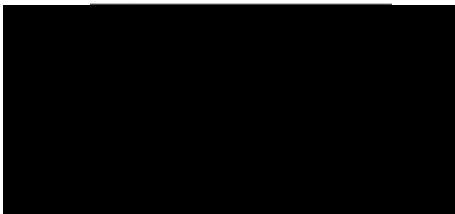
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25417327	MIN-01			26/11/2021
25417326	MIN-02A			26/11/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend						
<p>X Test</p> <p>N No Determination Possible</p> <p>Sample Types -</p> <p>S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other</p>	Lab Sample No(s)		25417327	25417326		
	Customer Sample Reference		MIN-01	MIN-02A		
	AGS Reference					
	Depth (m)					
	Container					
	Sample Type		SW	SW		
	Chlorophyll-a Cold	All	NDPs: 0 Tests: 2	X		
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 2	X			
Gross Alpha Activity*	All	NDPs: 0 Tests: 2	X	X		
Gross beta activity	All	NDPs: 0 Tests: 2	X	X		
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 2	X	X		
Tritium by Scintillation	All	NDPs: 0 Tests: 2	X	X		



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend	Lab Sample No(s)		254 17327														254 17326						
	Customer Sample Reference		MIN-01														MIN-02A						
AGS Reference																							
Depth (m)																							
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 2	X									X											
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 2	X									X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 2			X										X								
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 2				X											X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 2			X										X								
Anions by Kone (w)	All	NDPs: 0 Tests: 2			X										X								
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 2			X										X								
Bromate by IC*	All	NDPs: 0 Tests: 2			X										X								
Chlormequat*	All	NDPs: 0 Tests: 2	X									X											
Chlorophyll-a Cold	All	NDPs: 0 Tests: 2															X						
Clostridium Perfringens*	All	NDPs: 0 Tests: 2		X													X						
Colour Test	All	NDPs: 0 Tests: 2			X										X								
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 2			X										X								
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 2															X						
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 2								X												X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)		254 17327		254 17326
Customer Sample Reference		MIN-01		MIN-02A
AGS Reference				
Depth (m)				
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	Vial (ALE297)
Sample Type		SW	SW	SW

Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 2	X									X								
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 2																		
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 2	X																	
Epichlorohydrin*	All	NDPs: 0 Tests: 2	X																	
Escherichia Coli*	All	NDPs: 0 Tests: 2																		
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 2																		
Fluoride	All	NDPs: 0 Tests: 2																		
Glyphosate and AMPA	All	NDPs: 0 Tests: 2																		
Mercury Dissolved	All	NDPs: 0 Tests: 2																		
Metaldehyde	All	NDPs: 0 Tests: 2	X																	
Nitrite by Kone (w)	All	NDPs: 0 Tests: 2																		
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 2																		
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 2	X																	
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 2	X																	
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 2	X																	



CERTIFICATE OF ANALYSIS

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend	Lab Sample No(s)	254 17327		254 17326																			
	Customer Sample Reference																	MIN-01		MIN-02A			
AGS Reference	Depth (m)	Vial (ALE297)																					
Container	Sample Type	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 2	X										X										
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 2	X										X										
pH Value	All	NDPs: 0 Tests: 2			X										X								
Phosphate by Kone (w)	All	NDPs: 0 Tests: 2			X										X								
Total Coliforms(W)*	All	NDPs: 0 Tests: 2		X												X							
Total Metals by ICP-MS	All	NDPs: 0 Tests: 2							X											X			
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 2				X											X						
Turbidity in waters	All	NDPs: 0 Tests: 2			X										X								
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 2		X												X							
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 2		X												X							
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 2		X												X							
VOC MS (W)	All	NDPs: 0 Tests: 2									X												X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method					
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<2	<2			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Bromate*	<5 µg/l	SUB	<5	<5			
Chloromequat*	<0.1 µg/l	SUB	<1	<1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	19.2	<7			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>60			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.893	<0.943			
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.41	0.55			
Tritium*	<5 Bq/l	SUB	<5	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.893	<0.943			
Pb-210*	<10 Bq/l	SUB	<10	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100			
I-131*	<0.05 Bq/l	SUB	<0.05	<0.05			
K-40*	<2 Bq/l	SUB	<2	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1			
Acetamiprid*	<0.01 µg/l	SUB	<0.01	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pa-231*	<1 Bq/l	SUB	<1	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2			
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.1			
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1			
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Clofentazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01			
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.5			
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-230*	<10 Bq/l	SUB	<10	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-234*	<2 Bq/l	SUB	<2	<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3			
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3			
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2			
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2			
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.021	0.015			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.2			
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1			
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Haloxyfop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.2	<0.2			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.068			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1			
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.3			
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.5			
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03			
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01			
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05			
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01			
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01			
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05			
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05			
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03			
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05			
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01			
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05			
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05			
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05			
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1			
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05			
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05			
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02			
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoxyuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Diuron*	<0.01 µg/l	SUB	0.032	0.018			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01	0.048			
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Fensulfothion*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	<0.04	<0.06			
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05			
Metalachyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Paraoxon-ethyl*	<0.02 µg/l	SUB					
Paraoxon-methyl*	<0.02 µg/l	SUB					
Parathion-ethyl*	<0.05 µg/l	SUB					
Penconazole*	<0.02 µg/l	SUB					
Pencycuron*	<0.02 µg/l	SUB					
Pendimethalin*	<0.03 µg/l	SUB					
Phorate*	<0.03 µg/l	SUB					
Phosalone*	<0.01 µg/l	SUB					
Phosmet*	<0.05 µg/l	SUB					
Phosphamidon*	<0.01 µg/l	SUB					
Picloram*	<0.05 µg/l	SUB					
Picoxystrobin*	<0.01 µg/l	SUB					
Pirimicarb*	<0.01 µg/l	SUB					
Pirimiphos-ethyl*	<0.02 µg/l	SUB					
Pirimiphos-methyl*	<0.01 µg/l	SUB					
Pretilachlor*	<0.02 µg/l	SUB					
Primisulfuron-methyl*	<0.02 µg/l	SUB					
Prochloraz*	<0.02 µg/l	SUB					
Prodiamine*	<0.05 µg/l	SUB					
Profenofos*	<0.01 µg/l	SUB					
Promecarb*	<0.01 µg/l	SUB					
Prometon*	<0.02 µg/l	SUB					
Prometryn*	<0.01 µg/l	SUB					
Propachlor*	<0.01 µg/l	SUB					
Propamocarb*	<0.03 µg/l	SUB					
Propanil*	<0.03 µg/l	SUB					
Propaquizafop*	<0.03 µg/l	SUB					
Propazine*	<0.01 µg/l	SUB					
Propham*	<0.05 µg/l	SUB					
Propiconazole*	<0.01 µg/l	SUB					
Propoxur*	<0.01 µg/l	SUB					
Propoxycarbazone-sodium*	<0.05 µg/l	SUB					



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01			
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbutryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01			
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01			
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05			
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01			
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05			
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Alkalinity, Total as CaCO3	<2 mg/l	TM043	180	144	#	#	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	7.23	11.4			
Organic Carbon, Total	<3 mg/l	TM090	5.93	10.4	◆ #	◆ #	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	0.441	#	#	
Fluoride	<0.5 mg/l	TM104	0.628	0.786			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.85	0.838	#	#	
Salinity	<2	TM120	<2	<2			
Aluminium (diss.filt)	<10 µg/l	TM152	18	13.9	#	#	
Antimony (diss.filt)	<1 µg/l	TM152	1.26	<1	#	#	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.79	1.4	#	#	
Boron (diss.filt)	<10 µg/l	TM152	313	337	#	#	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	#	#	
Chromium (diss.filt)	<1 µg/l	TM152	2.47	3.12	#	#	
Copper (diss.filt)	<0.3 µg/l	TM152	4.97	3.39	#	#	
Lead (diss.filt)	<0.2 µg/l	TM152	0.481	0.238	#	#	
Manganese (diss.filt)	<3 µg/l	TM152	51.5	60.4	#	#	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	250	331	#	#	
Nickel (diss.filt)	<0.4 µg/l	TM152	12.7	24.2	#	#	
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	#	#	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	71.3	72	#	#	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0714	0.0882	#	#	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	311	259			
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filter Dissolved / filtered sample. tot.unfiltr Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method					
Nitrite as NO2	<0.05 mg/l	TM184	0.299	0.394	#	#	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.263	0.328	#	#	
Sulphate	<2 mg/l	TM184	123	111	#	#	
Chloride	<2 mg/l	TM184	115	112	#	#	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0858	0.107	#	#	
Nitrate as NO3	<0.3 mg/l	TM184	29.8	57.4			
Turbidity	<0.1 ntu	TM195	6.04	4.08	◆ #	◆ #	
Bromide	<0.06 mg/l	TM226	0.277	0.392	#	#	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05			
pH	<1 pH Units	TM256	7.99	7.72	#	#	
Apparent Colour	<1 mg/l Pt/Co	TM261	36.8	42.8			
True Colour	<1 mg/l Pt/Co	TM261	10.8	25.6			
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01			
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01			
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01			
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01			
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01			
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endrin	<0.01 µg/l	TM343	<0.02	<0.01			
o,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.02			
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02			
p,p'-DDT	<0.01 µg/l	TM343	<0.06	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method					
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.03	<0.02			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06	<0.02			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.08	<0.06			
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01			
Triallate	<0.01 µg/l	TM344	<0.08	<0.1			
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01			
Simazine	<0.01 µg/l	TM344	<0.01	<0.47			
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01			
Parathion	<0.01 µg/l	TM344	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Customer Sample Ref.	MIN-01	MIN-02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)				
Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference			26/11/2021 11:00:00 27/11/2021 211127-83 25417327	26/11/2021 09:40:00 27/11/2021 211127-83 25417326				
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.391	0.21				
AMPA	<0.1 µg/l	TM413	0.549	1.05				
Metalddehyde	<10 ng/l	TM416	<10	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)		
M	mCERTS accredited.	26/11/2021		26/11/2021			
aq	Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample.	11:00:00		09:40:00			
* Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			27/11/2021	27/11/2021			
			211127-83	211127-83			
			25417327	25417326			
Component	LOD/Units	Method					
Naphthalene (aq)	<0.01 µg/l	TM178	0.0396 #	0.0593 #			
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0182 #	0.0188 #			
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #			
Fluoranthene (aq)	<0.005 µg/l	TM178	0.0374 #	0.385 #			
Anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	0.311 #			
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0241 #	0.327 #			
Fluorene (aq)	<0.005 µg/l	TM178	0.011 #	0.0102 #			
Chrysene (aq)	<0.005 µg/l	TM178	0.0166 #	0.216 #			
Pyrene (aq)	<0.005 µg/l	TM178	0.0397 #	0.277 #			
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0113 #	0.0616 #			
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0176 #	0.213 #			
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0071 #	0.0956 #			
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.0123 #	0.0939 #			
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0189 #			
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0135 #	0.0907 #			
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.01 #	0.0797 #			
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.258 #	2.26 #			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	119	115			
Toluene-d8**	%	TM208	101	98.9			
4-Bromofluorobenzene**	%	TM208	100	98.1			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloromethane	<1 µg/l	TM208	<1	<1	#	#	
Vinyl chloride	<1 µg/l	TM208	<1	<1	#	#	
Bromomethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroethane	<1 µg/l	TM208	<1	<1	#	#	
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
Carbon disulphide	<1 µg/l	TM208	<1	<1	#	#	
Dichloromethane	<3 µg/l	TM208	<3	<3	#	#	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	#	#	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1			
Bromochloromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroform	<1 µg/l	TM208	<1	<1	#	#	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Carbontetrachloride	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
Benzene	<1 µg/l	TM208	<1	<1	#	#	
Trichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	
Dibromomethane	<1 µg/l	TM208	<1	<1	#	#	
Bromodichloromethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Toluene	<1 µg/l	TM208	<1	<1	#	#	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 26/11/2021 11:00:00 27/11/2021 211127-83 25417327	Surface Water (SW) 26/11/2021 09:40:00 27/11/2021 211127-83 25417326			
Component	LOD/Units	Method						
Tetrachloroethene	<1 µg/l	TM208	<1	<1	#	#		
Dibromochloromethane	<1 µg/l	TM208	<1	<1	#	#		
1,2-Dibromoethane	<1 µg/l	TM208	<1	<1	#	#		
Chlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#		
Ethylbenzene	<1 µg/l	TM208	<1	<1	#	#		
m,p-Xylene	<1 µg/l	TM208	<1	<1	#	#		
o-Xylene	<1 µg/l	TM208	<1	<1	#	#		
Styrene	<1 µg/l	TM208	<1	<1	#	#		
Bromofom	<1 µg/l	TM208	<1	<1	#	#		
Isopropylbenzene	<1 µg/l	TM208	<1	<1	#	#		
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#		
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	<1	#	#		
Bromobenzene	<1 µg/l	TM208	<1	<1	#	#		
Propylbenzene	<1 µg/l	TM208	<1	<1	#	#		
2-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#		
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#		
4-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#		
tert-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#		
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#		
sec-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#		
4-iso-Propyltoluene	<1 µg/l	TM208	<1	<1	#	#		
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
n-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#		
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	<1	#	#		
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
Hexachlorobutadiene	<1 µg/l	TM208	<1	<1	#	#		
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	<1	#	#		
Naphthalene	<1 µg/l	TM208	<1	<1	#	#		
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211127-83
Client Ref.: 60663957

Report Number: 630125
Location: Minworth

Superseded Report: 627649

Test Completion Dates

Lab Sample No(s)	25417327	25417326
Customer Sample Ref.	MIN-01	MIN-02A
AGS Ref.		
Depth		
Type	Surface Water	Surface Water

Acid Herbicides by LCMS*	20-Dec-2021	20-Dec-2021
Acrylamide by LCMS (W)*	20-Dec-2021	20-Dec-2021
Alkalinity as CaCO3	02-Dec-2021	02-Dec-2021
Ammoniacal Nitrogen	03-Dec-2021	03-Dec-2021
Anions by ion Chromatography	01-Dec-2021	01-Dec-2021
Anions by Kone (w)	03-Dec-2021	03-Dec-2021
Artificial radionuclide by HR gamma	20-Dec-2021	20-Dec-2021
Bromate by IC*	20-Dec-2021	20-Dec-2021
Chlormequat*	15-Dec-2021	15-Dec-2021
Chlorophyll-a Cold	03-Dec-2021	03-Dec-2021
Clostridium Perfringens*	03-Dec-2021	03-Dec-2021
Colour Test	30-Nov-2021	30-Nov-2021
Conductivity (at 20 deg C)	01-Dec-2021	01-Dec-2021
Cryptosporidium & Giardia*	03-Dec-2021	03-Dec-2021
Cyanide Comp/Free/Total/Thiocyanate	01-Dec-2021	30-Nov-2021
Cyanobacteria (Blue Green algae)*	03-Dec-2021	03-Dec-2021
Dissolved Metals by ICP-MS	04-Dec-2021	04-Dec-2021
Dissolved Organic/Inorganic Carbon	29-Dec-2021	29-Dec-2021
Epichlorohydrin*	20-Dec-2021	20-Dec-2021
Escherichia Coli*	03-Dec-2021	03-Dec-2021
Faecal Streptococci (W)*	03-Dec-2021	03-Dec-2021
Fluoride	30-Nov-2021	30-Nov-2021
Glyphosate and AMPA	06-Dec-2021	06-Dec-2021
Gross Alpha Activity*	20-Jan-2022	20-Dec-2021
Gross beta activity	20-Jan-2022	20-Dec-2021
Mercury Dissolved	03-Dec-2021	03-Dec-2021
Metaldehyde	03-Dec-2021	03-Dec-2021
Natural radionuclide by HR gamma	20-Jan-2022	20-Dec-2021
Nitrite by Kone (w)	01-Dec-2021	30-Nov-2021
PAH Spec MS - Aqueous (W)	01-Dec-2021	02-Dec-2021
Pesticides (Suite I) by GCMS	01-Dec-2021	02-Dec-2021
Pesticides (Suite II) by GCMS	08-Dec-2021	08-Dec-2021
Pesticides (Suite III) by GCMS	02-Dec-2021	07-Dec-2021
Pesticides by GCMS (W-PESLMS02LL)*	20-Dec-2021	20-Dec-2021
Pesticides by GCMS (W-PESLMS07)*	20-Dec-2021	20-Dec-2021
pH Value	30-Nov-2021	30-Nov-2021
Phosphate by Kone (w)	30-Nov-2021	30-Nov-2021
Total Coliforms(W)*	03-Dec-2021	03-Dec-2021
Total Metals by ICP-MS	04-Dec-2021	04-Dec-2021
Total Organic and Inorganic Carbon	07-Dec-2021	14-Dec-2021
Tritium by Scintillation	20-Jan-2022	20-Dec-2021
Turbidity in waters	30-Nov-2021	30-Nov-2021
TVC 22C 3 day (W)*	03-Dec-2021	03-Dec-2021
TVC 37C 1 day (W)*	03-Dec-2021	03-Dec-2021
TVC 37C 2 day (W)*	03-Dec-2021	03-Dec-2021
VOC MS (W)	06-Dec-2021	06-Dec-2021

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-16482-1

Issue No.: 1

Date of Issue 15/12/2021

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 211127-83

Customer Reference: 211127-83

Quotation Reference: 211028/06

Description: 2 water samples

Date Received: 30/11/2021

Date Started: 08/12/2021

Date Completed: 15/12/2021

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-16482-1

Customer Reference: 211127-83

Customer Order No: 211127-83

Customer Sample No	25420437	25420419
Customer Sample ID	MIN-01	MIN-02A
RPS Sample No	478533	478534
Sample Type	WATER	WATER
Sampling Date	26/11/2021	26/11/2021

Determinand	CAS No	Codes	SOP	Units	RL
chlormequat	999-81-5	N	in house	ug/l	0.1
					< 1.00
					< 1.00

Comments**Report No.: 21-16482-1**

Customer Reference: 211127-83

Customer Order No: 211127-83

Job	Description	Job Comments
21-16482	2 water samples	Samples for Chlormequat was diluted (1:10) prior to extraction because of the nature of the sample matrix causing low spike recoveries. Precision and accuracy may have been adversely affected. The reporting limits have been raised appropriately. (CEH)

Deviating Samples

Report No.: 21-16482-1

Customer Reference: 211127-83

Customer Order No: 211127-83

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
478533	25420437		26/11/2021	500ml amber glass bottle	No	
478534	25420419		26/11/2021	500ml amber glass bottle	No	

Report No.: 21-16482-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21B7898	Issue Date	: 20-Dec-2021
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211127-83	Page	: 1 of 11
Order number	: 211127-83	Date Samples Received	: 01-Dec-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 01-Dec-2021 - 20-Dec-2021
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR21B7898/008, 009 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

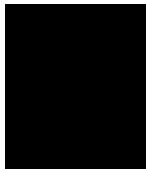
Sample(s) PR21B7898/010-011, method W-PESLMS04 - the LOR is increased due to matrix interferences.

The reference date for activity concentrations of radionuclides is 1.12.2021

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		25420431 MIN-01		25420422 MIN-02A		25420432 MIN-01	
				Laboratory sample ID		PR21B7898001		PR21B7898002		PR21B7898003	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25420434 MIN-02A		25420438 MIN-01		25420428 MIN-02A	
				Laboratory sample ID		PR21B7898004		PR21B7898005		PR21B7898006	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	----	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420430 MIN-01		25420421 MIN-02A	
				Laboratory sample ID		PR21B7898007		PR21B7898008		PR21B7898009	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.55	± 16.2%	----	---	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	0.021	± 30.0%	0.015	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420430 MIN-01		25420421 MIN-02A	
				Laboratory sample ID		PR21B7898007		PR21B7898008		PR21B7898009	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Bromacil	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	----	---	0.032	± 30.0%	0.018	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420430 MIN-01		25420421 MIN-02A	
				Laboratory sample ID		PR21B7898007		PR21B7898008		PR21B7898009	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Ethion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	0.048	± 30.0%		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	<0.040	----	<0.060	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420430 MIN-01		25420421 MIN-02A	
				Laboratory sample ID		PR21B7898007		PR21B7898008		PR21B7898009	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Methidathion	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420430 MIN-01		25420421 MIN-02A	
				Laboratory sample ID		PR21B7898007		PR21B7898008		PR21B7898009	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pyriproxyfen	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	<0.040	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25420429 MIN-01		25420420 MIN-02A		25420436 MIN-01	
				Laboratory sample ID		PR21B7898010		PR21B7898011		PR21B7898012	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	----	<2.00	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25420429 MIN-01		25420420 MIN-02A		25420436 MIN-01	
				Laboratory sample ID		PR21B7898010		PR21B7898011		PR21B7898012	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Haloxypyl-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	---		
loxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25420429 MIN-01		25420420 MIN-02A		25420436 MIN-01	
				Laboratory sample ID		PR21B7898010		PR21B7898011		PR21B7898012	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pyridaben	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalphos	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Sedaxane	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	----	<0.300	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	----	<0.500	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	----	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25420423 MIN-02A		25420433 MIN-01		25420435 MIN-02A	
				Laboratory sample ID		PR21B7898013		PR21B7898014		PR21B7898015	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	<0.50	----		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25420423 MIN-02A		25420433 MIN-01		25420435 MIN-02A	
Laboratory sample ID				PR21B7898013		PR21B7898014		PR21B7898015			
Client sampling date / time				[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Etozazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.068	± 30.0%	----	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25420423 MIN-02A		25420433 MIN-01		25420435 MIN-02A	
				Laboratory sample ID		PR21B7898013		PR21B7898014		PR21B7898015	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		[01-Dec-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25420441 MIN-02A		25420440 MIN-02A		----	
				Laboratory sample ID		PR21B7898016		PR21B7898017		----	
				Client sampling date / time		[01-Dec-2021]		[01-Dec-2021]		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.



Analytical Methods	Method Descriptions
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “**“ symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21B7899	Issue Date	: 20-Jan-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211127-83	Page	: 1 of 2
Order number	: 211127-83	Date Samples Received	: 01-Dec-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 01-Dec-2021 - 20-Jan-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.
 The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.
 The reference date for activity concentrations of radionuclides is 30.11.2021.

Responsible for accuracy

Testing Laboratory No. 1163
 Accredited by CAI according to
 CSN EN ISO/IEC 17025:2018

Signatories

[Redacted signature]

[Redacted signature]

Position

Environmental Business Unit
 Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		25421546		25421542		----	
				Laboratory sample ID		MIN-01		MIN-01		----	
				Client sampling date / time		PR21B7899001		PR21B7899002		----	
						[30-Nov-2021]		[30-Nov-2021]		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	----	----	----	----	----
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.41	± 17.1%	----	----	----	----	----	----
Tritium	W-TRI-SCI5	5.0	Bq/L	----	----	<5.0	----	----	----	----	----
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	----	----	----	----	----	----	----
Thorium 230	W-RAD-NAT	10	Bq/L	<10	----	----	----	----	----	----	----
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Lead 210	W-RAD-NAT	10	Bq/L	<10	----	----	----	----	----	----	----
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	----	----	----	----	----	----	----
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	----	----	----	----	----	----	----
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	----	----	----	----	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS(Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	211127-83	Client Reference:	60663957	Report Number:	630125
Location:	Minworth	Order Number:	60663	Superseded Report:	627649

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 09 January 2022
Customer: Aecom
Sample Delivery Group (SDG): 211208-56
Your Reference: 60663957
Location: Minworth
Report No: 628764
Order Number: 60663

This report has been revised and directly supersedes 628444 in its entirety.

We received 6 samples on Wednesday December 08, 2021 and 6 of these samples were scheduled for analysis which was completed on Sunday January 09, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

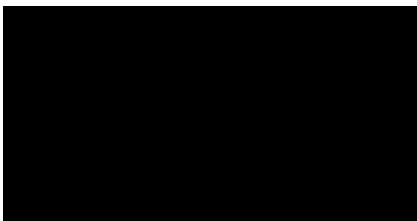
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25477788	MIN-03			07/12/2021
25477786	MIN-04			07/12/2021
25477785	MIN-05			07/12/2021
25477790	MIN-02B			07/12/2021
25477791	MIN-02B(2)			07/12/2021
25477789	MIN-02C			07/12/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	25477788	25477786	25477785	25477790	25477789
Customer Sample Reference	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
AGS Reference					
Depth (m)					
Container					
Sample Type	SW	SW	SW	TS	SW

Gross Alpha Activity*	All	NDPs: 0 Tests: 5	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 5	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 5	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 5	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend	Lab Sample No(s)		25477788													25477786							
	Customer Sample Reference		MIN-03													MIN-04							
AGS Reference																							
Depth (m)																							
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 5	X										X										
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 5	X										X										
Alkalinity as CaCO3	All	NDPs: 0 Tests: 6				X											X						
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 6						X										X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 6				X											X						
Anions by Kone (w)	All	NDPs: 0 Tests: 6				X											X						
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 5				X											X						
Bromate by IC*	All	NDPs: 0 Tests: 5				X											X						
Chlormequat*	All	NDPs: 0 Tests: 5	X										X										
Chlorophyll-a Cold	All	NDPs: 0 Tests: 5					X											X					
Clostridium Perfringens*	All	NDPs: 0 Tests: 5					X											X					
Colour Test	All	NDPs: 0 Tests: 6				X											X						
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 6				X											X						
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 5					X											X					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6										X											X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend	Lab Sample No(s)		25477788														25477786							
	Customer Sample Reference		MIN-03														MIN-04							
AGS Reference																								
Depth (m)																								
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 5	X											X										
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 6							X													X		
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 6	X										X											
Epichlorohydrin*	All	NDPs: 0 Tests: 5	X										X											
Escherichia Coli*	All	NDPs: 0 Tests: 5					X											X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 5					X											X						
Fluoride	All	NDPs: 0 Tests: 6			X												X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 5			X												X							
Mercury Dissolved	All	NDPs: 0 Tests: 6							X													X		
Metaldehyde	All	NDPs: 0 Tests: 5	X										X											
Nitrite by Kone (w)	All	NDPs: 0 Tests: 6									X													X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 6			X											X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 5	X														X							
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 5	X														X							
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 5	X														X							



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	25477788		25477786																	
Customer Sample Reference	MIN-03		MIN-04																	
AGS Reference																				
Depth (m)																				
Container	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE209)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE246)	NaOH (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW

Parameter	All	NDPs: 0 Tests: 5	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 5									X										X				
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 5									X										X				
pH Value	All	NDPs: 0 Tests: 6						X														X			
Phosphate by Kone (w)	All	NDPs: 0 Tests: 6						X														X			
Total Coliforms(W)*	All	NDPs: 0 Tests: 5								X												X			
Total Metals by ICP-MS	All	NDPs: 0 Tests: 6										X												X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 6								X													X		
Turbidity in waters	All	NDPs: 0 Tests: 6						X														X			
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 5								X													X		
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 5								X													X		
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 5								X													X		
VOC MS (W)	All	NDPs: 0 Tests: 6																						X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Results Legend	Lab Sample No(s)																				
	Customer Sample Reference														25477789						
AGS Reference														MIN-02B(2)							
Depth (m)																					
Container														Vial (ALE297)							
Sample Type														SW							
		0.5l glass bottle (ALE227)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber Gl. (ALE503)	330ml plastic bottle (ALE208)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
		TS	TS	TS	TS	TS	TS	TS	TS	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 5								X											
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 5								X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 6		X									X								
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 6			X										X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 6		X									X								
Anions by Kone (w)	All	NDPs: 0 Tests: 6		X									X								
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 5											X								
Bromate by IC*	All	NDPs: 0 Tests: 5											X								
Chlormequat*	All	NDPs: 0 Tests: 5							X												
Chlorophyll-a Cold	All	NDPs: 0 Tests: 5												X							
Clostridium Perfringens*	All	NDPs: 0 Tests: 5												X							
Colour Test	All	NDPs: 0 Tests: 6		X									X								
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 6		X									X								
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 5												X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6							X											X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

	Lab Sample No(s)																			
	Customer Sample Reference													25477789						
AGS Reference													MIN-02B(2)							
Depth (m)																				
Container													Vial (ALE297)							
Sample Type													SW							
		0.5l glass bottle (ALE227)	250ml Amber Gl. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber Gl. (ALE503)	330ml plastic bottle (ALE208)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)
		TS	TS	TS	TS	TS	TS	TS	TS	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 5										X								
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 6				X											X			
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 6	X							X										
Epichlorohydrin*	All	NDPs: 0 Tests: 5								X										
Escherichia Coli*	All	NDPs: 0 Tests: 5													X					
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 5													X					
Fluoride	All	NDPs: 0 Tests: 6		X									X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 5											X							
Mercury Dissolved	All	NDPs: 0 Tests: 6				X											X			
Metaldehyde	All	NDPs: 0 Tests: 5								X										
Nitrite by Kone (w)	All	NDPs: 0 Tests: 6						X											X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 6	X									X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 5								X										
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 5								X										
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 5								X										



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

	Lab Sample No(s)																									
	Customer Sample Reference	AGS Reference	Depth (m)	Container												Sample Type										
	25477791	MIN-02B(2)		Vial (ALE297)	NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber Gl. (ALE503)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber Gl. (ALE503)	PTFE/PE (ALE219)	1plastic (ALE221)	SW		
				TS	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 5												X												
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 5												X												
pH Value	All	NDPs: 0 Tests: 6		X												X										
Phosphate by Kone (w)	All	NDPs: 0 Tests: 6		X												X										
Total Coliforms(W)*	All	NDPs: 0 Tests: 5															X									
Total Metals by ICP-MS	All	NDPs: 0 Tests: 6							X																	X
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 6						X												X						
Turbidity in waters	All	NDPs: 0 Tests: 6						X									X									
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 5																		X						
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 5																		X						
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 5																		X						
VOC MS (W)	All	NDPs: 0 Tests: 6																							X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend		Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method						
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02		<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5	<1.5	<1.5	<1.5		<1.5
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2		<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<60		<5
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1		<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	7.73	<7	<7	<7		<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.893	<0.971	<0.893	<0.909		<0.943
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0		0
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5		<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.08	<0.05	<0.06	<0.05		<0.05
Gross Beta Activity*	<0.1 Bq/l	SUB	0.28	0.34	0.25	0.43		0.29
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5		<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1		<0.1
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02		<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100		>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Giardia (B0X)*	<0 cysts/10L	SUB	<0.893	<0.971	<0.893	<0.909		<0.943
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10		<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1		<0.1
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01		<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100			>100
I-131*	<0.05 Bq/l	SUB	0.18	0.15	<0.077	0.24			0.14
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2			<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100			>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1			<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10			<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)	Sample Type							
	Date Sampled	Date Received	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
	Sample Time	SDG Ref	07/12/2021 12:49:00	07/12/2021 11:42:00	07/12/2021 10:16:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 14:12:00
		Lab Sample No.(s)	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56
		AGS Reference	25477788	25477786	25477785	25477790	25477791	25477791	25477789
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2			<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3			<0.3
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3			<0.3
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4	<0.4	<0.4			<0.4
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3			<0.3
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)		
Date Sampled	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021		
Sample Time	12:49:00	11:42:00	10:16:00	10:16:00	15:13:00	15:13:00	14:12:00		
Date Received	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021		
SDG Ref	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56		
Lab Sample No.(s)	25477788	25477786	25477785	25477785	25477790	25477791	25477789		
AGS Reference									
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	0.01	0.011	0.01	0.013			<0.01
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Picloram*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Imidacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	0.063			<0.05
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3			<0.3
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carbendazim*	<0.01 µg/l	SUB	0.011	<0.01	<0.01	<0.01			0.016
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	0.02	0.011	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005			<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4-@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	0.113	0.229	0.269	<0.05			<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flufenacet*	<0.05 µg/l	SUB	0.052	0.1	0.086	<0.05			<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	0.083	0.086	<0.05			<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Dichlormid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Diuron*	<0.01 µg/l	SUB	0.014	0.011	<0.01	<0.01	<0.01		0.014
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fenuron*	<0.01 µg/l	SUB	0.015	<0.01	<0.01	<0.01	<0.01		0.024



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.032	0.029	0.022	<0.06			<0.04
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
	Date Sampled	Date Received	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
	Sample Time	SDG Ref	07/12/2021 12:49:00	07/12/2021 11:42:00	07/12/2021 10:16:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 14:12:00
		Lab Sample No.(s)	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56
		AGS Reference	25477788	25477786	25477785	25477790	25477791	25477791	25477789
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Propiconazole*	<0.01 µg/l	SUB	0.012	0.012	<0.01	<0.01	<0.01		<0.02
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.05		<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	0.07	0.093	0.138	<0.01			0.011
Prosulfocarb*	<0.01 µg/l	SUB	<0.05	<0.07	0.039	<0.01			<0.03
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.02			<0.01
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbutryn*	<0.01 µg/l	SUB	0.014	0.013	0.012	<0.01			0.016
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)		
Date Sampled	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021
Sample Time	12:49:00	11:42:00	10:16:00	11:42:00	15:13:00	15:13:00	14:12:00	14:12:00	14:12:00
Date Received	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
SDG Ref	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56
Lab Sample No.(s)	25477788	25477786	25477785	25477786	25477790	25477791	25477789	25477789	25477789
AGS Reference									
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.04		<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	114	126	128	95.9	94.9	101	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	9.78	9.64	10.5	9.21	9.67	9.81	
Organic Carbon, Total	<3 mg/l	TM090	7.61	7.19	8.4	8.42	8.23	8.62	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.769	0.347	<0.2	1.26	1.15	0.464	
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5	<0.5	0.516	0.519	<0.5	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.583	0.628	0.568	0.532	0.539	0.598	
Salinity	<2	TM120	<2	<2	<2	<2	<2	<2	
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	10.6	<10	<10	<10	
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	1.03	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.38	1.3	1.23	0.588	0.62	1.03	
Boron (diss.filt)	<10 µg/l	TM152	150	145	102	176	173	182	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Chromium (diss.filt)	<1 µg/l	TM152	1.41	1.35	<1	<1	<1	1.69	
Copper (diss.filt)	<0.3 µg/l	TM152	3.68	4	3.65	1.17	1.48	3.34	
Lead (diss.filt)	<0.2 µg/l	TM152	0.39	0.414	<0.2	0.582	0.753	0.501	
Manganese (diss.filt)	<3 µg/l	TM152	105	56.6	32.3	54.6	56.2	62.3	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	417	318	334	443		321	
Nickel (diss.filt)	<0.4 µg/l	TM152	9.91	8.47	4.61	4.67	4.74	11.7	
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	50.3	46.9	34.8	41.8	42.1	52	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0543	0.0431	0.0414	0.05	0.0516	0.0497	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	185	210	211	190	177	175	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M MCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 07/12/2021 12:49:00 08/12/2021 211208-56 25477788	Surface Water (SW) 07/12/2021 11:42:00 08/12/2021 211208-56 25477786	Surface Water (SW) 07/12/2021 10:16:00 08/12/2021 211208-56 25477785	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477790	Treated Sewage (TS) 07/12/2021 15:13:00 08/12/2021 211208-56 25477791	Surface Water (SW) 07/12/2021 14:12:00 08/12/2021 211208-56 25477789
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.624	0.619	0.308	2.16	2.19	0.624	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.487	0.588	0.538	0.771	0.748	0.348	
Sulphate	<2 mg/l	TM184	65.4	84	82	80.1	79.7	86.5	
Chloride	<2 mg/l	TM184	88.3	84.3	63.5	70.3	70.4	87.2	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.159	0.192	0.176	0.252	0.244	0.114	
Nitrate as NO3	<0.3 mg/l	TM184	34.3	39.1	34.3	40.5	39.2	36.5	
Turbidity	<0.1 ntu	TM195	21.4	15.9	23	2.14	2.22	9.69	
Bromide	<0.06 mg/l	TM226	0.195	0.12	0.101	0.118	0.142	0.15	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
pH	<1 pH Units	TM256	7.54	7.74	7.84	6.96	6.99	7.16	
Apparent Colour	<1 mg/l Pt/Co	TM261	90.6	70.4	106	26.6	29.4	41.6	
True Colour	<1 mg/l Pt/Co	TM261	20	19.6	22	14.9	13.8	17.9	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.02	<0.01	<0.02	<0.01		<0.02	
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endrin	<0.01 µg/l	TM343	<0.02	<0.01	<0.02	<0.01		<0.02	
o,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.02	<0.04	<0.02		<0.04	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02		<0.02	
p,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.02	<0.04	<0.02		<0.04	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
Date Sampled			07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021
Sample Time			12:49:00	11:42:00	10:16:00	15:13:00	15:13:00	15:13:00	14:12:00
Date Received			08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
SDG Ref			211208-56	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56
Lab Sample No.(s)			25477788	25477786	25477785	25477790	25477791	25477791	25477789
AGS Reference									
Component	LOD/Units	Method							
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.05	<0.02	<0.05	<0.02			<0.05
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06	<0.02	<0.06	<0.02			<0.06
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.04	<0.04	<0.04	<0.04			<0.04
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01			<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01			<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triallate	<0.01 µg/l	TM344	0.0328	0.0382	0.032	<0.01			0.0218
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Simazine	<0.01 µg/l	TM344	0.0546	0.047	0.0384	<0.11			0.0992
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethoate	<0.01 µg/l	TM344	<0.02	<0.01	<0.02	<0.01			<0.02
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)	Sample Type							
	Date Sampled	Date Received	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
	Sample Time	SDG Ref	07/12/2021 12:49:00	07/12/2021 11:42:00	07/12/2021 10:16:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 14:12:00
	Lab Sample No.(s)	AGS Reference	211208-56 25477788	211208-56 25477786	211208-56 25477785	211208-56 25477790	211208-56 25477791	211208-56 25477791	211208-56 25477789
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triazophos	<0.01 µg/l	TM344	<0.02	<0.01	<0.02	<0.01			<0.02
Phosalone	<0.01 µg/l	TM344	<0.02	<0.01	<0.02	<0.01			<0.02
Azinphos methyl	<0.02 µg/l	TM344	<0.12	<0.02	<0.12	<0.02			<0.12
Azinphos ethyl	<0.02 µg/l	TM344	<0.04	<0.02	<0.04	<0.02			<0.04
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Propyzamide	<0.01 µg/l	TM345	0.0602	<0.11	0.232	<0.01			<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Terbutryn	<0.01 µg/l	TM345	0.0123	<0.02	0.019	<0.02			0.0141
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Glyphosate	<0.1 µg/l	TM413	0.438	<1	<1	0.137			0.584
AMPA	<0.1 µg/l	TM413	1.29	1.1	0.709	0.871			0.719
Metaldehyde	<10 ng/l	TM416	<10	<10	<10	<10			<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
#	ISO17025 accredited.								
M	mCERTS accredited.								
aq	Aqueous / settled sample.								
diss.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery								
(F)	Trigger breach confirmed								
1-4*\$@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
			Sample Type	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021
			Date Sampled	12:49:00	11:42:00	10:16:00	15:13:00	15:13:00	14:12:00
			Sample Time	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
			Date Received	211208-56	211208-56	211208-56	211208-56	211208-56	211208-56
			SDG Ref	25477788	25477786	25477785	25477790	25477791	25477789
			Lab Sample No.(s)						
			AGS Reference						
Naphthalene (aq)	<0.01 µg/l	TM178		0.0259 #	0.0238 #	0.0168 #	0.0271 #	0.0846 #	1.98 #
Acenaphthene (aq)	<0.005 µg/l	TM178		0.0061 #	<0.005 #	<0.005 #	0.0076 #	0.0204 #	0.523 #
Acenaphthylene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0167 #
Fluoranthene (aq)	<0.005 µg/l	TM178		0.0911 #	0.0687 #	0.0553 #	0.149 #	0.409 #	7 #
Anthracene (aq)	<0.005 µg/l	TM178		<0.005 #	0.0073 #	0.0079 #	<0.005 #	<0.005 #	0.236 #
Phenanthrene (aq)	<0.005 µg/l	TM178		0.0628 #	0.0558 #	0.05 #	0.161 #	0.43 #	7.21 #
Fluorene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	0.0052 #	0.0146 #	0.365 #
Chrysene (aq)	<0.005 µg/l	TM178		0.0674 #	0.053 #	0.0409 #	0.0832 #	0.202 #	2.67 #
Pyrene (aq)	<0.005 µg/l	TM178		0.0795 #	0.052 #	0.0414 #	0.0988 #	0.272 #	4.64 #
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178		0.0342 #	0.0217 #	0.0242 #	0.0253 #	0.0537 #	1.65 #
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178		0.061 #	0.0399 #	0.0388 #	0.0799 #	0.203 #	3.29 #
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178		0.0272 #	0.0169 #	0.014 #	0.0332 #	0.0999 #	1.21 #
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178		0.0305 #	0.0196 #	0.0165 #	0.035 #	0.0866 #	1.74 #
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178		<0.005 #	<0.005 #	<0.005 #	0.0059 #	0.0148 #	0.295 #
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178		0.0569 #	0.0323 #	0.0224 #	0.0309 #	0.0922 #	1.04 #
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178		0.0356 #	0.019 #	0.0194 #	0.0274 #	0.0715 #	1.39 #
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178		0.578 #	0.41 #	0.348 #	0.769 #	2.05 #	35.3 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

VOC MS (W)

Results Legend			Customer Sample Ref.		MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C		
	Depth (m)	Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)		
	Date Sampled	Sample Time	07/12/2021 12:49:00	07/12/2021 11:42:00	07/12/2021 10:16:00	07/12/2021 15:13:00	07/12/2021 15:13:00	07/12/2021 14:12:00		
	Date Received	SDG Ref	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56	08/12/2021 211208-56		
	Lab Sample No.(s)	AGS Reference	25477788	25477786	25477785	25477790	25477791	25477789		
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208	113	108	112	108	113	111		
Toluene-d8**	%	TM208	97.9	98.3	97.1	98.4	98.8	99		
4-Bromofluorobenzene**	%	TM208	99.2	98.1	98.2	97.9	98.2	98.1		
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

VOC MS (W)

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
			Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)
			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)	
			07/12/2021 12:49:00 08/12/2021 211208-56 25477788	07/12/2021 11:42:00 08/12/2021 211208-56 25477786	07/12/2021 10:16:00 08/12/2021 211208-56 25477785	07/12/2021 15:13:00 08/12/2021 211208-56 25477790	07/12/2021 15:13:00 08/12/2021 211208-56 25477791	07/12/2021 14:12:00 08/12/2021 211208-56 25477789	
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211208-56
Client Ref.: 60663957

Report Number: 628764
Location: Minworth

Superseded Report: 628444

Test Completion Dates

Lab Sample No(s) Customer Sample Ref. AGS Ref. Depth Type	25477788	25477786	25477785	25477790	25477791	25477789
	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
	Surface Water	Surface Water	Surface Water	Treated Sewag	Treated Sewag	Surface Water
Acid Herbicides by LCMS*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Acrylamide by LCMS (W)*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Alkalinity as CaCO3	15-Dec-2021	15-Dec-2021	15-Dec-2021	16-Dec-2021	15-Dec-2021	16-Dec-2021
Ammoniacal Nitrogen	15-Dec-2021	15-Dec-2021	14-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021
Anions by ion Chromatography	16-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021
Anions by Kone (w)	15-Dec-2021	15-Dec-2021	15-Dec-2021	16-Dec-2021	16-Dec-2021	15-Dec-2021
Artificial radionuclide by HR gamma	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Bromate by IC*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Chloromequat*	05-Jan-2022	05-Jan-2022	05-Jan-2022	05-Jan-2022		05-Jan-2022
Chlorophyll-a Cold	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Clostridium Perfringens*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Colour Test	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	14-Dec-2021
Conductivity (at 20 deg C)	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021
Cryptosporidium & Giardia*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Cyanide Comp/Free/Total/Thiocyanate	16-Dec-2021	16-Dec-2021	13-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021
Cyanobacteria (Blue Green algae)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Dissolved Metals by ICP-MS	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021	15-Dec-2021
Dissolved Organic/Inorganic Carbon	09-Jan-2022	09-Jan-2022	09-Jan-2022	09-Jan-2022	09-Jan-2022	09-Jan-2022
Epichlorohydrin*	04-Jan-2022	05-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Escherichia Coli*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Faecal Streptococci (W)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Fluoride	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021
Glyphosate and AMPA	16-Dec-2021	23-Dec-2021	23-Dec-2021	16-Dec-2021		23-Dec-2021
Gross Alpha Activity*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Gross beta activity	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Mercury Dissolved	14-Dec-2021	14-Dec-2021	13-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021
Metaldehyde	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Natural radionuclide by HR gamma	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Nitrite by Kone (w)	14-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021	14-Dec-2021
PAH Spec MS - Aqueous (W)	13-Dec-2021	14-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021
Pesticides (Suite I) by GCMS	16-Dec-2021	15-Dec-2021	16-Dec-2021	15-Dec-2021		16-Dec-2021
Pesticides (Suite II) by GCMS	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Pesticides (Suite III) by GCMS	16-Dec-2021	15-Dec-2021	16-Dec-2021	15-Dec-2021		16-Dec-2021
Pesticides by GCMS (W-PESLMS02LL)*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Pesticides by GCMS (W-PESLMS07)*	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
pH Value	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021
Phosphate by Kone (w)	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021	13-Dec-2021
Total Coliforms(W)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
Total Metals by ICP-MS	15-Dec-2021	15-Dec-2021	15-Dec-2021	16-Dec-2021	16-Dec-2021	15-Dec-2021
Total Organic and Inorganic Carbon	18-Dec-2021	29-Dec-2021	29-Dec-2021	29-Dec-2021	29-Dec-2021	29-Dec-2021
Tritium by Scintillation	04-Jan-2022	04-Jan-2022	04-Jan-2022	04-Jan-2022		04-Jan-2022
Turbidity in waters	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021	10-Dec-2021
TVC 22C 3 day (W)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
TVC 37C 1 day (W)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
TVC 37C 2 day (W)*	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021		16-Dec-2021
VOC MS (W)	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021	16-Dec-2021



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

15 December 2021

Test Report: COV/2243081/2021

Dear Subcon Results

Analysis of your sample(s) received on 07 December 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

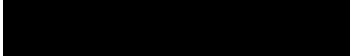
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Legionella Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **15 December 2021**

Report Number: **COV/2243081/2021**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Number of Samples
included in this report **5**

Job Received: **07 December 2021**

Number of Test Results
included in this report **75**

Analysis Commenced: **08 December 2021**

Signed:



Name:



Date: **15 December 2021**

Title:

Legionella Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243081/2021**
 Laboratory Number: **21141099**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **07 December 2021 10:16**
 Sample Received: **07 December 2021**
 Analysis Complete: **15 December 2021**

Issue **1**
 Sample **1** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	08/12/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	11/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	09/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	09/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.89286	Oocysts10L	11/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
Giardia Sample	<0.89286	cysts/10l	11/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	09/12/2021	N Cov	W44

Analyst Comments for 21141099:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Only 90ml filtered for enterococci due to nature of the sample. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated.

1 giardia like body. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

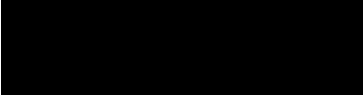

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 15 December 2021
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243081/2021**
 Laboratory Number: **21141100**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **07 December 2021 11:42**
 Sample Received: **07 December 2021**
 Analysis Complete: **15 December 2021**

Issue **1**
 Sample **2** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	08/12/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	09/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	09/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	11/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
Giardia Sample	<0.97087	cysts/10l	11/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	09/12/2021	N Cov	W44

Analyst Comments for 21141100:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium due to nature of the sample. Only 90ml filtered for Clostridium to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

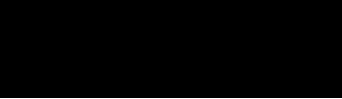

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 15 December 2021
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243081/2021**
 Laboratory Number: **21141101**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **07 December 2021 12:49**
 Sample Received: **07 December 2021**
 Analysis Complete: **15 December 2021**

Issue **1**
 Sample **3** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	7.73	ug/l	08/12/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	09/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	09/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.89286	Oocysts10L	11/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
Giardia Sample	<0.89286	cysts/10l	11/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	09/12/2021	N Cov	W44

Analyst Comments for 21141101:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample.. TVC Estimated.

4 giardia like bodies. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

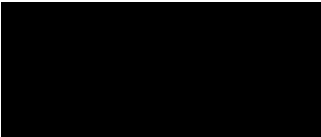

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 15 December 2021
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243081/2021**
 Laboratory Number: **21141102**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02C**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **07 December 2021 14:12**
 Sample Received: **07 December 2021**
 Analysis Complete: **15 December 2021**

Issue **1**
 Sample **4** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	08/12/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	09/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	09/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	09/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.94340	Oocysts10L	11/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	09/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	10/12/2021	Y Cov	W1
Giardia Sample	<0.94340	cysts/10l	11/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	09/12/2021	N Cov	W44

Analyst Comments for 21141102:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated. TVC Estimated.

This issue replaces all previous issues
 Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.
 Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),
 F = Data supplied by customer.
 For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.
 I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: 15 December 2021

Title:

Legionella Team Leader

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243081/2021**
 Laboratory Number: **21141103**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **07 December 2021 15:13**
 Sample Received: **07 December 2021**
 Analysis Complete: **15 December 2021**

Issue **1**
 Sample **5** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	08/12/2021	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	09/12/2021	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/12/2021	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/12/2021	N Cov	W1
Total Coliform presump	>100	cfu/100ml	09/12/2021	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	09/12/2021	N Cov	W10
E.coli presumptive	>100	cfu/100ml	09/12/2021	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	09/12/2021	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	10/12/2021	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	10/12/2021	N Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	11/12/2021	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	09/12/2021	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	14/12/2021	N Cov	W1
Giardia Sample	<0.90909	cysts/10l	11/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	09/12/2021	N Cov	W44

Analyst Comments for 21141103:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for enterococci due to nature of the sample.

1 giardia like body TVC Estimated. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:	[Redacted Signature]	Name:	[Redacted Name]	Date: 15 December 2021
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

**ANALYST COMMENTS FOR REPORT COV/2243081/2021****Issue 1**

This issue replaces all previous issues

Date of Issue: 15 December 2021

Sample No	Analysis Comments
21141099	<p>This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Only 90ml filtered for enterococci due to nature of the sample. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated.</p> <p>1 giardia like body. TVC Estimated.</p>
21141100	<p>This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium due to nature of the sample. Only 90ml filtered for Clostridium to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated. TVC Estimated.</p>
21141101	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample.. TVC Estimated.</p> <p>4 giardia like bodies. TVC Estimated.</p>
21141102	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms E.coli and Clostridium Perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for enterococci due to nature of the sample. TVC Estimated. TVC Estimated.</p>
21141103	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for enterococci due to nature of the sample.</p> <p>1 giardia like body TVC Estimated. TVC Estimated. TVC Estimated.</p>

Signed: *Subbattin Tharmaseelan*Name: **S. Tharmaseelan**Date: **15 December 2021**Title: **Legionella Team Leader**

Individuals' names and signatures redacted



DETERMINAND COMMENTS FOR REPORT COV/2243081/2021

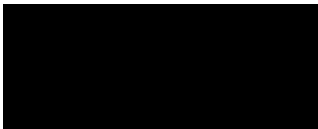
ISSUE 1

This issue replaces all previous issues

Date of Issue: 15 December 2021

Sample No	Description	Determinand	Comments
21141099	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141099	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141099	MIN-05	TVC 22C 3 day	TVC Estimated.
21141099	MIN-05	TVC 37C 2 day	TVC Estimated.
21141099	MIN-05	Enterococci presumptive	Only 90ml filtered for enterococci due to nature of the sample. Confirmation process not been carried out for enterococci due to nature of the sample.
21141099	MIN-05	TVC 37C 1 day	TVC Estimated.
21141100	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141100	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141100	MIN-04	TVC 22C 3 day	TVC Estimated.
21141100	MIN-04	TVC 37C 2 day	TVC Estimated.
21141100	MIN-04	Enterococci presumptive	Confirmation process not been carried out for enterococci due to nature of the sample.
21141100	MIN-04	TVC 37C 1 day	TVC Estimated.
21141100	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample. Only 90ml filtered for 90due to nature of the sample.
21141101	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21141101	MIN-03	Escherichia coli confirmed	Confirmation process not been carried out for E.coli due to nature of the sample.
21141101	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21141101	MIN-03	E.coli presumptive	Confirmation process not been carried out for E.coli due to nature of the sample.
21141101	MIN-03	TVC 22C 3 day	TVC Estimated.
21141101	MIN-03	TVC 37C 2 day	TVC Estimated.
21141101	MIN-03	Enterococci presumptive	Confirmation process not been carried out for enterococci due to nature of the sample..
21141101	MIN-03	TVC 37C 1 day	TVC Estimated.
21141102	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141102	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21141102	MIN-02C	TVC 22C 3 day	TVC Estimated.
21141102	MIN-02C	TVC 37C 2 day	TVC Estimated.
21141102	MIN-02C	Enterococci presumptive	Confirmation process not been carried out for enterococci due to nature of the sample.
21141102	MIN-02C	TVC 37C 1 day	TVC Estimated.
21141103	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21141103	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21141103	MIN-02B	TVC 22C 3 day	TVC Estimated.
21141103	MIN-02B	TVC 37C 2 day	TVC Estimated.
21141103	MIN-02B	Enterococci presumptive	Confirmation process not been carried out for enterococci due to nature of the sample.
21141103	MIN-02B	TVC 37C 1 day	TVC Estimated.
21141103	MIN-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:



Name:



Date: 15 December 2021

Title:

Legionella Team Leader

Page Intentionally Left Blank



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21C2660	Issue Date	: 04-Jan-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211208-56	Page	: 1 of 24
Order number	: ----	Date Samples Received	: 14-Dec-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 14-Dec-2021 - 04-Jan-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR21C2660/026-028, 030 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

Sample(s) PR21C2660/006, method W-BRO3-IC - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR21C2660/031-035, method W-PESLMS04 - the LOR is increased due to matrix interferences.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 10.12.2021.

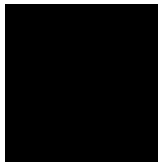
The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID					
				25494066 MIN-02B		25496660 MIN-02B		25494125 MIN-02B	
				PR21C2660001		PR21C2660006		PR21C2660011	
				10-Dec-2021 07:04		10-Dec-2021 09:49		10-Dec-2021 07:09	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters									
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<60.0	---	----	---
Halogenated Volatile Organic Compounds									
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---
Pesticides - Other									
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID					
				25494061 MIN-02B		25494061 MIN-02B		25494064 MIN-02B	
				PR21C2660016		PR21C2660021		PR21C2660026	
				10-Dec-2021 07:02		10-Dec-2021 07:02		10-Dec-2021 07:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Radiological Parameters									
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.43	± 16.9%	----	---
Pesticides									
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.013	± 30.0%
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---



Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494061 MIN-02B		25494064 MIN-02B	
				Laboratory sample ID		PR21C2660016		PR21C2660021		PR21C2660026	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:02		10-Dec-2021 07:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxyuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494061 MIN-02B		25494064 MIN-02B	
				Laboratory sample ID		PR21C2660016		PR21C2660021		PR21C2660026	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:02		10-Dec-2021 07:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.060	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494061 MIN-02B		25494064 MIN-02B	
				Laboratory sample ID		PR21C2660016		PR21C2660021		PR21C2660026	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:02		10-Dec-2021 07:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494061 MIN-02B		25494064 MIN-02B	
				Laboratory sample ID		PR21C2660016		PR21C2660021		PR21C2660026	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:02		10-Dec-2021 07:04	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.040	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25494063 MIN-02B		25494126 MIN-02B		25496661 MIN-02B	
				Laboratory sample ID		PR21C2660031		PR21C2660036		PR21C2660041	
				Client sampling date / time		10-Dec-2021 07:04		10-Dec-2021 07:10		10-Dec-2021 09:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	0.240	± 30.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25494063 MIN-02B		25494126 MIN-02B		25496661 MIN-02B	
				Laboratory sample ID		PR21C2660031		PR21C2660036		PR21C2660041	
				Client sampling date / time		10-Dec-2021 07:04		10-Dec-2021 07:10		10-Dec-2021 09:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.063	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25494063 MIN-02B		25494126 MIN-02B		25496661 MIN-02B	
				Laboratory sample ID		PR21C2660031		PR21C2660036		PR21C2660041	
				Client sampling date / time		10-Dec-2021 07:04		10-Dec-2021 07:10		10-Dec-2021 09:50	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494060 MIN-02B		----	
				Laboratory sample ID		PR21C2660046		PR21C2660051		----	
				Client sampling date / time		10-Dec-2021		10-Dec-2021 07:02		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25494061 MIN-02B		25494060 MIN-02B		----	
				Laboratory sample ID		PR21C2660046		PR21C2660051		----	
				Client sampling date / time		10-Dec-2021		10-Dec-2021 07:02		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494152 MIN-03		25494136 MIN-04		25496445 MIN-05	
				Laboratory sample ID		PR21C2660002		PR21C2660003		PR21C2660004	
				Client sampling date / time		10-Dec-2021 07:15		10-Dec-2021 07:12		10-Dec-2021 09:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494179 MIN-O2C		25496470 MIN-03		25496520 MIN-04	
				Laboratory sample ID		PR21C2660005		PR21C2660007		PR21C2660008	
				Client sampling date / time		10-Dec-2021 07:20		10-Dec-2021 09:35		10-Dec-2021 09:39	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25496511 MIN-05		25494228 MIN-O2C		25494156 MIN-03	
				Laboratory sample ID		PR21C2660009		PR21C2660010		PR21C2660012	
				Client sampling date / time		10-Dec-2021 09:38		10-Dec-2021 07:26		10-Dec-2021 07:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494157 MIN-04		25494160 MIN-05		25494221 MIN-O2C	
				Laboratory sample ID		PR21C2660013		PR21C2660014		PR21C2660015	
				Client sampling date / time		10-Dec-2021 07:17		10-Dec-2021 07:18		10-Dec-2021 07:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494130 MIN-03		25494140 MIN-04		25494132 MIN-05	
				Laboratory sample ID		PR21C2660017		PR21C2660018		PR21C2660019	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021 07:13		10-Dec-2021 07:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.08	---	<0.05	---	<0.06	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494059 MIN-O2C		25494130 MIN-03		25494140 MIN-04	
				Laboratory sample ID		PR21C2660020		PR21C2660022		PR21C2660023	



Sub-Matrix: SURFACE WATER				Client sample ID		25494059 MIN-O2C		25494130 MIN-03		25494140 MIN-04	
				Laboratory sample ID		PR21C2660020		PR21C2660022		PR21C2660023	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:11		10-Dec-2021 07:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	---	---	---	---	---	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	---	---	0.28	± 19.1%	0.34	± 17.8%	---	---

Sub-Matrix: SURFACE WATER				Client sample ID		25494132 MIN-05		25494059 MIN-O2C		25494150 MIN-03	
				Laboratory sample ID		PR21C2660024		PR21C2660025		PR21C2660027	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021		10-Dec-2021 07:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.25	± 20.1%	0.29	± 18.9%	---	---	---	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Acetamidiprid	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Acetochlor	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Acionifen	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Alachlor	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Aldicarb	W-PESLMS02	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Ametryn	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Atraton	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Atrazine	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---	---	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---	---	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
BAM	W-PESLMS02	0.010	µg/L	---	---	---	---	0.010	± 30.0%	---	---
BDMC	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Benalaxyl	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Bendiocarb	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Bifenox	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---	---	---
Bitertanol	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Boscalid	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Bromacil	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Cadusafos	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Carbaryl	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Carbendazim	W-PESLMS02	0.010	µg/L	---	---	---	---	0.011	± 30.0%	---	---
Carbetamide	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Carbofuran	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Carboxin	W-PESLMS02	0.020	µg/L	---	---	---	---	<0.020	---	---	---
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	---	---	---	---	<0.040	---	---	---
Chlorbromuron	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Chloridazon	W-PESLMS02	0.010	µg/L	---	---	---	---	<0.010	---	---	---
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	---	---	---	---	<0.030	---	---	---
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	---	---	---	---	<0.050	---	---	---



Sub-Matrix: SURFACE WATER				Client sample ID		25494132 MIN-05		25494059 MIN-O2C		25494150 MIN-03	
				Laboratory sample ID		PR21C2660024		PR21C2660025		PR21C2660027	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021		10-Dec-2021 07:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxyuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.014	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.015	± 30.0%		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494132 MIN-05		25494059 MIN-O2C		25494150 MIN-03	
				Laboratory sample ID		PR21C2660024		PR21C2660025		PR21C2660027	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021		10-Dec-2021 07:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.032	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494132 MIN-05		25494059 MIN-O2C		25494150 MIN-03	
				Laboratory sample ID		PR21C2660024		PR21C2660025		PR21C2660027	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021		10-Dec-2021 07:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	0.012	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	0.070	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.050	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494132 MIN-05		25494059 MIN-O2C		25494150 MIN-03	
				Laboratory sample ID		PR21C2660024		PR21C2660025		PR21C2660027	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021		10-Dec-2021 07:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbutylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	0.014	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflurosulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25494135 MIN-04		25496442 MIN-05		25494175 MIN-O2C	
				Laboratory sample ID		PR21C2660028		PR21C2660029		PR21C2660030	
				Client sampling date / time		10-Dec-2021 07:12		10-Dec-2021 09:33		10-Dec-2021 07:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	----	<0.050	----	<0.050	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494135 MIN-04		25496442 MIN-05		25494175 MIN-O2C	
				Laboratory sample ID		PR21C2660028		PR21C2660029		PR21C2660030	
				Client sampling date / time		10-Dec-2021 07:12		10-Dec-2021 09:33		10-Dec-2021 07:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	0.010	± 30.0%	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	0.016	± 30.0%		
Carbetamide	W-PESLMS02	0.010	µg/L	0.020	± 30.0%	0.011	± 30.0%	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difloxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494135 MIN-04		25496442 MIN-05		25494175 MIN-O2C	
				Laboratory sample ID		PR21C2660028		PR21C2660029		PR21C2660030	
				Client sampling date / time		10-Dec-2021 07:12		10-Dec-2021 09:33		10-Dec-2021 07:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	<0.010	---	0.014	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	0.024	± 30.0%		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.029	± 30.0%	0.022	± 30.0%	<0.040	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494135 MIN-04		25496442 MIN-05		25494175 MIN-O2C	
				Laboratory sample ID		PR21C2660028		PR21C2660029		PR21C2660030	
				Client sampling date / time		10-Dec-2021 07:12		10-Dec-2021 09:33		10-Dec-2021 07:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pacllobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494135 MIN-04		25496442 MIN-05		25494175 MIN-O2C	
Laboratory sample ID				PR21C2660028		PR21C2660029		PR21C2660030			
Client sampling date / time				10-Dec-2021 07:12		10-Dec-2021 09:33		10-Dec-2021 07:20			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	<0.010	---	<0.020	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	0.093	± 30.0%	0.138	± 30.0%	0.011	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.070	---	0.039	± 30.0%	<0.030	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	0.012	± 30.0%	0.016	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494148 MIN-03		25494134 MIN-04		25496439 MIN-05	
				Laboratory sample ID		PR21C2660032		PR21C2660033		PR21C2660034	
				Client sampling date / time		10-Dec-2021 07:15		10-Dec-2021 07:12		10-Dec-2021 09:32	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	<1.50	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	<0.400	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	<0.200	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494172 MIN-O2C		25494161 MIN-03		25494153 MIN-04	
				Laboratory sample ID		PR21C2660035		PR21C2660037		PR21C2660038	
				Client sampling date / time		10-Dec-2021 07:20		10-Dec-2021 07:18		10-Dec-2021 07:16	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	----	---	----	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494172 MIN-O2C		25494161 MIN-03		25494153 MIN-04	
				Laboratory sample ID		PR21C2660035		PR21C2660037		PR21C2660038	
				Client sampling date / time		10-Dec-2021 07:20		10-Dec-2021 07:18		10-Dec-2021 07:16	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Buprofezin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clofentezine	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Desmedipham	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	----	----	----	----	----		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Etoxazole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Famoxadone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Famphur	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Flufenacet	W-PESLMS07	0.050	µg/L	----	----	0.052	± 30.0%	0.100	± 30.0%		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	----	0.113	± 30.0%	0.229	± 30.0%		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	0.083	± 30.0%		
Fluopyram	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
loxynil	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494172 MIN-O2C		25494161 MIN-03		25494153 MIN-04	
				Laboratory sample ID		PR21C2660035		PR21C2660037		PR21C2660038	
				Client sampling date / time		10-Dec-2021 07:20		10-Dec-2021 07:18		10-Dec-2021 07:16	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494154 MIN-05		25494209 MIN-O2C		25496471 MIN-03	
				Laboratory sample ID		PR21C2660039		PR21C2660040		PR21C2660042	
				Client sampling date / time		10-Dec-2021 07:16		10-Dec-2021 07:23		10-Dec-2021 07:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	0.180	± 35.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	---	----	---	<0.50	---		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Etoxadole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494154 MIN-05		25494209 MIN-O2C		25496471 MIN-03	
				Laboratory sample ID		PR21C2660039		PR21C2660040		PR21C2660042	
				Client sampling date / time		10-Dec-2021 07:16		10-Dec-2021 07:23		10-Dec-2021 07:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flufenacet	W-PESLMS07	0.050	µg/L	0.086	± 30.0%	<0.050	---	----	----		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	0.269	± 30.0%	<0.050	---	----	----		
Flufenacet OA	W-PESLMS07	0.050	µg/L	0.086	± 30.0%	<0.050	---	----	----		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	----	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25496522 MIN-04		25496512 MIN-05		25494229 MIN-O2C	
				Laboratory sample ID		PR21C2660043		PR21C2660044		PR21C2660045	
				Client sampling date / time		10-Dec-2021		10-Dec-2021		10-Dec-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		



Sub-Matrix: SURFACE WATER				Client sample ID		25496522 MIN-04		25496512 MIN-05		25494229 MIN-O2C	
				Laboratory sample ID		PR21C2660043		PR21C2660044		PR21C2660045	
				Client sampling date / time		10-Dec-2021		10-Dec-2021		10-Dec-2021	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.150	± 20.0%	<0.077	---	0.140	± 30.0%	<0.050	---
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25494130 MIN-03		25494140 MIN-04		25494132 MIN-05	
				Laboratory sample ID		PR21C2660047		PR21C2660048		PR21C2660049	
				Client sampling date / time		10-Dec-2021		10-Dec-2021		10-Dec-2021 07:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25494059 MIN-O2C		25494129 MIN-03		25494139 MIN-04	
				Laboratory sample ID		PR21C2660050		PR21C2660052		PR21C2660053	
				Client sampling date / time		10-Dec-2021 07:02		10-Dec-2021 07:11		10-Dec-2021 07:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	<5.0	---	<5.0	---
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---	----	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---	----	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---	----	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---	----	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		25494131 MIN-05		25494058 MIN-O2C		----	
				Laboratory sample ID		PR21C2660054		PR21C2660055		----	
				Client sampling date / time		10-Dec-2021 07:11		10-Dec-2021 07:01		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	----	---	----	---

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time



component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 21-16788-1

Issue No.: 1

Date of Issue 05/01/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 211208-56

Customer Reference: 211208-56

Quotation Reference: 211028/06

Description: 5 water samples

Date Received: 13/12/2021

Date Started: 23/12/2021

Date Completed: 05/01/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 21-16788-1

Customer Reference: 211208-56

Customer Order No: 211208-56

Customer Sample No	25494117	25494167	25494133	25496461	25494170
Customer Sample ID	MIN-02B	MIN-03	MIN-04	MIN-05	MIN-02C
RPS Sample No	479588	479589	479590	479591	479592
Sample Type	WATER	WATER	WATER	WATER	WATER
Sampling Date	07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/12/2021

Determinand	CAS No	Codes	SOP	Units	RL					
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 21-16788-1

Customer Reference: 211208-56

Customer Order No: 211208-56

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
479588	25494117		07/12/2021	500ml green glass bottle	No	
479589	25494167		07/12/2021	500ml amber glass bottle	No	
479590	25494133		07/12/2021	500ml amber glass bottle	No	
479591	25496461		07/12/2021	500ml amber glass bottle	No	
479592	25494170		07/12/2021	500ml green glass bottle	No	

Report No.: 21-16788-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



CERTIFICATE OF ANALYSIS

SDG:	211208-56	Client Reference:	60663957	Report Number:	628764
Location:	Minworth	Order Number:	60663	Superseded Report:	628444

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Individuals' names and signatures redacted

Aecom
1 New York Street
Manchester
M1 4HD

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 09 January 2022
Customer: Aecom
Sample Delivery Group (SDG): 211209-84
Your Reference: 60663957
Location: Minworth
Report No: 628766
Order Number: 60663

This report has been revised and directly supersedes 628445 in its entirety.

We received 2 samples on Thursday December 09, 2021 and 2 of these samples were scheduled for analysis which was completed on Sunday January 09, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

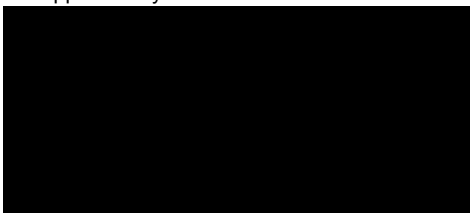
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25487764	MIN - 01			08/12/2021
25487765	MIN - 02A			08/12/2021

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 15px; height: 15px; background-color: yellow; margin-right: 5px;"></div> X Test </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 15px; height: 15px; background-color: red; color: white; margin-right: 5px;"></div> N No Determination Possible </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	25487764	25487765		
	Customer Sample Reference	MIN - 01	MIN - 02A		
	AGS Reference				
	Depth (m)				
	Container				
	Sample Type		SW	SW	
Gross Alpha Activity*	All	NDPs: 0 Tests: 2	X	X	
Gross beta activity	All	NDPs: 0 Tests: 2	X	X	
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 2	X	X	
Tritium by Scintillation	All	NDPs: 0 Tests: 2	X	X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend	Lab Sample No(s)		25487764														25487765					
	Customer Sample Reference		MIN - 01														MIN - 02A					
AGS Reference																						
Depth (m)																						
Sample Type		Container																				
		0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 2	X									X										
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 2	X									X										
Alkalinity as CaCO3	All	NDPs: 0 Tests: 2			X								X									
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 2					X								X							
Anions by ion Chromatography	All	NDPs: 0 Tests: 2			X								X									
Anions by Kone (w)	All	NDPs: 0 Tests: 2			X								X									
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 2			X								X									
Bromate by IC*	All	NDPs: 0 Tests: 2			X								X									
Chlormequat*	All	NDPs: 0 Tests: 2	X									X										
Chlorophyll-a Cold	All	NDPs: 0 Tests: 2				X								X								
Clostridium Perfringens*	All	NDPs: 0 Tests: 2				X							X									
Colour Test	All	NDPs: 0 Tests: 2			X								X									
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 2			X								X									
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 2				X								X								
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 2										X									X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend	Lab Sample No(s)		25487764														25487765			
	Customer Sample Reference		MIN - 01														MIN - 02A			
AGS Reference																				
Depth (m)																				
Sample Type		Container																		
		0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 2	X									X								
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 2						X											X	
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 2	X									X								
Epichlorohydrin*	All	NDPs: 0 Tests: 2	X									X								
Escherichia Coli*	All	NDPs: 0 Tests: 2				X						X								
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 2				X						X								
Fluoride	All	NDPs: 0 Tests: 2			X								X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 2			X								X							
Mercury Dissolved	All	NDPs: 0 Tests: 2							X										X	
Metaldehyde	All	NDPs: 0 Tests: 2	X									X								
Nitrite by Kone (w)	All	NDPs: 0 Tests: 2								X										X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 2			X								X							
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 2	X										X							
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 2	X										X							
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 2	X										X							



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)		25487764		25487765
Customer Sample Reference		MIN - 01		MIN - 02A
AGS Reference				
Depth (m)				
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	NaOH (ALE245)
Sample Type		SW	SW	SW

Parameter	All	NDPs: 0 Tests: 2	Container																		
			0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)									
Pesticides by GCMS (W-PESLMS02LL)*			X									X									
Pesticides by GCMS (W-PESLMS07)*			X									X									
pH Value					X								X								
Phosphate by Kone (w)					X								X								
Total Coliforms(W)*							X						X								
Total Metals by ICP-MS												X								X	
Total Organic and Inorganic Carbon										X										X	
Turbidity in waters					X								X								
TVC 22C 3 day (W)*																				X	
TVC 37C 1 day (W)*																				X	
TVC 37C 2 day (W)*																				X	
VOC MS (W)																					X



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5	<1.5			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Bromate*	<5 µg/l	SUB	<5	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7	<7			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.926	<0.917			
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.05	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.3	0.28			
Tritium*	<5 Bq/l	SUB	<5	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.926	<0.917			
Pb-210*	<10 Bq/l	SUB	<10	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100			
I-131*	<0.05 Bq/l	SUB	<0.05	0.084			
K-40*	<2 Bq/l	SUB	<2	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1			
Acetamidopirid*	<0.01 µg/l	SUB	<0.01	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pa-231*	<1 Bq/l	SUB	<1	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2			
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.1			
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1			
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01			
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.5			
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-230*	<10 Bq/l	SUB	<10	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-234*	<2 Bq/l	SUB	<2	<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3			
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3			
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2			
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2			
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.015	0.01			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2	<0.2			
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1			
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.2	<0.2			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	<0.05	<0.05			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1			
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.3	<0.3			
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.5	<0.5			
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbendazim*	<0.01 µg/l	SUB	0.022	0.019			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method						
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05				
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Diuron*	<0.01 µg/l	SUB	0.013	0.018			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01			
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01	0.021			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop*	<0.02 µg/l	SUB	0.028	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.012	0.024			
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02			
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03			
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03			
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05			
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01			
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05			
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02			
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05	<0.05			
Propiconazole*	<0.01 µg/l	SUB	0.017	0.02			
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	0.017	0.017			
Prosulfocarb*	<0.01 µg/l	SUB	0.027	<0.04			
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01			
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbutryn*	<0.01 µg/l	SUB	0.017	0.017			
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01			
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01			
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05			
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01			
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05			
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Alkalinity, Total as CaCO3	<2 mg/l	TM043	143	114	#	#	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.85	8.65			
Organic Carbon, Total	<3 mg/l	TM090	5.84	6.75	◆ #	◆ #	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.448	0.419	#	#	
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.665	0.679	#	#	
Salinity	<2	TM120	<2	<2			
Aluminium (diss.filt)	<10 µg/l	TM152	<10	10	#	#	
Antimony (diss.filt)	<1 µg/l	TM152	1.17	1.1	#	#	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.27	1.09	#	#	
Boron (diss.filt)	<10 µg/l	TM152	178	173	#	#	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	#	#	
Chromium (diss.filt)	<1 µg/l	TM152	1.68	1.53	#	#	
Copper (diss.filt)	<0.3 µg/l	TM152	4.47	4.11	#	#	
Lead (diss.filt)	<0.2 µg/l	TM152	<0.2	0.293	#	#	
Manganese (diss.filt)	<3 µg/l	TM152	62.7	56.6	#	#	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	275	278	#	#	
Nickel (diss.filt)	<0.4 µg/l	TM152	8.36	10.7	#	#	
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	#	#	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	58.3	63.6	#	#	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0382	0.0482	#	#	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	203	181			
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method					
Nitrite as NO2	<0.05 mg/l	TM184	0.277	0.283	#	#	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.175	0.233	#	#	
Sulphate	<2 mg/l	TM184	67.7	64.9	#	#	
Chloride	<2 mg/l	TM184	107	115	#	#	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0571	0.076	#	#	
Nitrate as NO3	<0.3 mg/l	TM184	18.9	33.2			
Turbidity	<0.1 ntu	TM195	22.9	15.6	#	#	
Bromide	<0.06 mg/l	TM226	0.133	0.17	#	#	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05			
pH	<1 pH Units	TM256	7.78	7.51	#	#	
Apparent Colour	<1 mg/l Pt/Co	TM261	85	68.2			
True Colour	<1 mg/l Pt/Co	TM261	12.4	17.6			
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01			
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor	<0.01 µg/l	TM343	<0.02	<0.02			
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01			
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01			
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01			
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endrin	<0.01 µg/l	TM343	<0.02	<0.02			
o,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.04			
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02			
p,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.04			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 01	MIN - 02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.05	<0.05			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06	<0.06			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.04	<0.04			
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01			
Triallate	<0.01 µg/l	TM344	0.0379	0.0271			
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01			
Simazine	<0.01 µg/l	TM344	<0.01	0.065			
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.02	<0.02			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01			
Parathion	<0.01 µg/l	TM344	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765			
Component	LOD/Units	Method						
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.02	<0.02				
Phosalone	<0.01 µg/l	TM344	<0.02	<0.02				
Azinphos methyl	<0.02 µg/l	TM344	<0.12	<0.12				
Azinphos ethyl	<0.02 µg/l	TM344	<0.04	<0.04				
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01	<0.01				
Propyzamide	<0.01 µg/l	TM345	0.0224	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01				
Terbutryn	<0.01 µg/l	TM345	0.0177	0.0131				
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01				
Glyphosate	<0.1 µg/l	TM413	1.01	1.81				
AMPA	<0.1 µg/l	TM413	0.696	1.29				
Metalddehyde	<10 ng/l	TM416	<10	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN - 01	MIN - 02A			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference					
M	mCERTS accredited.		Surface Water (SW)	Surface Water (SW)			
aq	Aqueous / settled sample.		08/12/2021	08/12/2021			
diss.filt	Dissolved / filtered sample.		10:45:00	09:50:00			
tot.unfilt	Total / unfiltered sample.		09/12/2021	09/12/2021			
*	Subcontracted - refer to subcontractor report for accreditation status.		211209-84	211209-84			
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery		25487764	25487765			
(F)	Trigger breach confirmed						
1-4*\$@	Sample deviation (see appendix)						
Component	LOD/Units		Method				
Naphthalene (aq)	<0.01 µg/l	TM178	0.063	0.0331	#	#	
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0098	0.0077	#	#	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	#	#	
Fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0804	#	#	
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	#	#	
Phenanthrene (aq)	<0.005 µg/l	TM178	<0.005	0.0368	#	#	
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	#	#	
Chrysene (aq)	<0.005 µg/l	TM178	0.0754	0.0526	#	#	
Pyrene (aq)	<0.005 µg/l	TM178	0.119	0.0822	#	#	
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0475	0.0284	#	#	
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0834	0.0683	#	#	
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0298	0.0303	#	#	
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.0405	0.0375	#	#	
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	#	#	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0753	0.045	#	#	
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0426	0.0362	#	#	
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.586	0.539	#	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN - 01		MIN - 02A	
#	ISO17025 accredited.		MIN - 01	MIN - 02A		
M	mCERTS accredited.	Depth (m)	Surface Water (SW)	Surface Water (SW)		
aq	Aqueous / settled sample.	Sample Type	08/12/2021	08/12/2021		
diss.	Dissoved / filtered sample.	Date Sampled	10:45:00	09:50:00		
tot.unfilt	Total / unfiltered sample.	Sample Time	09/12/2021	09/12/2021		
	Subcontracted - refer to subcontractor report for accreditation status.	Date Received	211209-84	211209-84		
	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	SDG Ref	25487764	25487765		
(F)	Trigger breach confirmed	Lab Sample No.(s)				
1-4	Sample deviation (see appendix)	AGS Reference				
Component	LOD/Units	Method				
Dibromofluoromethane**	%	TM208	108	109		
Toluene-d8**	%	TM208	98.2	98.3		
4-Bromofluorobenzene**	%	TM208	98.3	98.9		
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	#	#
Chloromethane	<1 µg/l	TM208	<1	<1	#	#
Vinyl chloride	<1 µg/l	TM208	<1	<1	#	#
Bromomethane	<1 µg/l	TM208	<1	<1	#	#
Chloroethane	<1 µg/l	TM208	<1	<1	#	#
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	#	#
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#
Carbon disulphide	<1 µg/l	TM208	<1	<1	#	#
Dichloromethane	<3 µg/l	TM208	<3	<3	#	#
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	#	#
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#
Bromochloromethane	<1 µg/l	TM208	<1	<1	#	#
Chloroform	<1 µg/l	TM208	<1	<1	#	#
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#
Carbontetrachloride	<1 µg/l	TM208	<1	<1	#	#
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#
Benzene	<1 µg/l	TM208	<1	<1	#	#
Trichloroethene	<1 µg/l	TM208	<1	<1	#	#
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#
Dibromomethane	<1 µg/l	TM208	<1	<1	#	#
Bromodichloromethane	<1 µg/l	TM208	<1	<1	#	#
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#
Toluene	<1 µg/l	TM208	<1	<1	#	#
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 02A				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/12/2021 10:45:00 09/12/2021 211209-84 25487764	Surface Water (SW) 08/12/2021 09:50:00 09/12/2021 211209-84 25487765				
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	#	#			
Dibromochloromethane	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	<1	#	#			
Chlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
Ethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
m,p-Xylene	<1 µg/l	TM208	<1	<1	#	#			
o-Xylene	<1 µg/l	TM208	<1	<1	#	#			
Styrene	<1 µg/l	TM208	<1	<1	#	#			
Bromofom	<1 µg/l	TM208	<1	<1	#	#			
Isopropylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	<1	#	#			
Bromobenzene	<1 µg/l	TM208	<1	<1	#	#			
Propylbenzene	<1 µg/l	TM208	<1	<1	#	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
n-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	<1	#	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	<1	#	#			
Naphthalene	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 211209-84
Client Ref.: 60663957

Report Number: 628766
Location: Minworth

Superseded Report: 628445

Test Completion Dates

Lab Sample No(s)	25487764	25487765
Customer Sample Ref.	MIN - 01	MIN - 02A
AGS Ref.		
Depth		
Type	Surface Water	Surface Water

Acid Herbicides by LCMS*	04-Jan-2022	04-Jan-2022
Acrylamide by LCMS (W)*	04-Jan-2022	04-Jan-2022
Alkalinity as CaCO3	16-Dec-2021	16-Dec-2021
Ammoniacal Nitrogen	14-Dec-2021	15-Dec-2021
Anions by ion Chromatography	14-Dec-2021	14-Dec-2021
Anions by Kone (w)	16-Dec-2021	16-Dec-2021
Artificial radionuclide by HR gamma	04-Jan-2022	04-Jan-2022
Bromate by IC*	04-Jan-2022	04-Jan-2022
Chloromequat*	05-Jan-2022	05-Jan-2022
Chlorophyll-a Cold	15-Dec-2021	15-Dec-2021
Clostridium Perfringens*	15-Dec-2021	15-Dec-2021
Colour Test	10-Dec-2021	10-Dec-2021
Conductivity (at 20 deg C)	10-Dec-2021	10-Dec-2021
Cryptosporidium & Giardia*	15-Dec-2021	15-Dec-2021
Cyanide Comp/Free/Total/Thiocyanate	13-Dec-2021	16-Dec-2021
Cyanobacteria (Blue Green algae)*	15-Dec-2021	15-Dec-2021
Dissolved Metals by ICP-MS	15-Dec-2021	15-Dec-2021
Dissolved Organic/Inorganic Carbon	09-Jan-2022	09-Jan-2022
Epichlorohydrin*	04-Jan-2022	04-Jan-2022
Escherichia Coli*	15-Dec-2021	15-Dec-2021
Faecal Streptococci (W)*	15-Dec-2021	15-Dec-2021
Fluoride	13-Dec-2021	13-Dec-2021
Glyphosate and AMPA	16-Dec-2021	16-Dec-2021
Gross Alpha Activity*	04-Jan-2022	04-Jan-2022
Gross beta activity	04-Jan-2022	04-Jan-2022
Mercury Dissolved	13-Dec-2021	14-Dec-2021
Metaldehyde	16-Dec-2021	16-Dec-2021
Natural radionuclide by HR gamma	04-Jan-2022	04-Jan-2022
Nitrite by Kone (w)	14-Dec-2021	14-Dec-2021
PAH Spec MS - Aqueous (W)	14-Dec-2021	15-Dec-2021
Pesticides (Suite I) by GCMS	16-Dec-2021	16-Dec-2021
Pesticides (Suite II) by GCMS	16-Dec-2021	16-Dec-2021
Pesticides (Suite III) by GCMS	16-Dec-2021	16-Dec-2021
Pesticides by GCMS (W-PESLMS02LL)*	04-Jan-2022	04-Jan-2022
Pesticides by GCMS (W-PESLMS07)*	04-Jan-2022	04-Jan-2022
pH Value	13-Dec-2021	13-Dec-2021
Phosphate by Kone (w)	13-Dec-2021	13-Dec-2021
Total Coliforms(W)*	15-Dec-2021	15-Dec-2021
Total Metals by ICP-MS	15-Dec-2021	15-Dec-2021
Total Organic and Inorganic Carbon	29-Dec-2021	29-Dec-2021
Tritium by Scintillation	04-Jan-2022	04-Jan-2022
Turbidity in waters	10-Dec-2021	10-Dec-2021
TVC 22C 3 day (W)*	15-Dec-2021	15-Dec-2021
TVC 37C 1 day (W)*	15-Dec-2021	15-Dec-2021
TVC 37C 2 day (W)*	15-Dec-2021	15-Dec-2021
VOC MS (W)	17-Dec-2021	17-Dec-2021



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill CV4 9GU

15 December 2021

Test Report: COV/2243728/2021

Dear Subcon Results

Analysis of your sample(s) received on 08 December 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

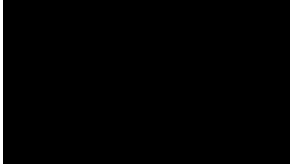
An invoice for the analysis carried out will be sent under separate cover.

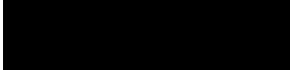
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Technical Inorganic Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Hawarden Subcon Results
ALS Life Sciences Limited
Torrington Avenue
Tile Hill
CV4 9GU**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **15 December 2021**

Report Number: **COV/2243728/2021**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Job Location: Bacti Samples

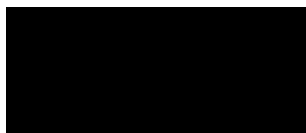
Number of Samples
included in this report **2**

Job Received: **08 December 2021**

Number of Test Results
included in this report **32**

Analysis Commenced: **09 December 2021**

Signed:



Name:



Date: **15 December 2021**

Title: **Technical Inorganic Manager**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2021. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 8

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243728/2021**
Laboratory Number: **21145445**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-02A**
Sample Matrix: **Surface Water**
Sample Date/Time: **08 December 2021 09:50**
Sample Received: **08 December 2021**
Analysis Complete: **15 December 2021**

Issue **1**
Sample **1** of **2**

Sample Reference: **1**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	10/12/2021	Y Cov	W45
Phaeophytin	<6.00	ug/l	10/12/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	12/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.91743	Oocysts10L	14/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	11/12/2021	Y Cov	W1
Giardia Sample	<0.91743	cysts/10l	14/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	10/12/2021	Y Cov	W44

Analyst Comments for 21145445:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for clost perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as enterococcus faecium.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 15 December 2021
		Title: Technical Inorganic Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2243728/2021**
 Laboratory Number: **21145446**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 December 2021 10:45**
 Sample Received: **08 December 2021**
 Analysis Complete: **15 December 2021**

 Sample Reference: **2**

Issue **1**
 Sample **2** of **2**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	10/12/2021	Y Cov	W45
Phaeophytin	<6.00	ug/l	10/12/2021	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/12/2021	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/12/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/12/2021	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/12/2021	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/12/2021	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/12/2021	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/12/2021	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/12/2021	Y Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	14/12/2021	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/12/2021	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	11/12/2021	Y Cov	W1
Giardia Sample	<0.92593	cysts/10l	14/12/2021	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	10/12/2021	Y Cov	W44

Analyst Comments for 21145446:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for Enterococci due to nature of the sample.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

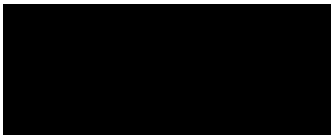
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 15 December 2021

Title: **Technical Inorganic Manager**

Individuals' names and signatures redacted

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2243728/2021

Issue 1

This issue replaces all previous issues

Date of Issue: 15 December 2021

Sample No	Analysis Comments
21145445	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for clost perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as enterococcus faecium.
21145446	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Confirmation process not been carried out for Enterococci due to nature of the sample.

Signed: 

Name: 

Date: **15 December 2021**

Title: **Technical Inorganic Manager**

Individuals' names and signatures redacted



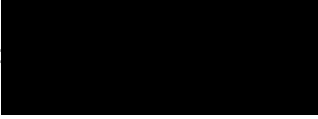

DETERMINAND COMMENTS FOR REPORT COV/2243728/2021

ISSUE 1

Date of Issue: 15 December 2021

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21145445	MIN-02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21145445	MIN-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21145445	MIN-02A	TVC 22C 3 day	TVC Estimated.
21145445	MIN-02A	TVC 37C 2 day	TVC Estimated.
21145445	MIN-02A	Enterococci confirmed	Enterococci identified as enterococcus faecium
21145445	MIN-02A	TVC 37C 1 day	TVC Estimated.
21145445	MIN-02A	Clostridium Perfringens, Pres	Confirmation process not been carried out for clost perfringens due to nature of the sample.
21145446	MIN-01	TVC 22C 3 day	TVC Estimated.
21145446	MIN-01	TVC 37C 2 day	TVC Estimated.
21145446	MIN-01	Enterococci presumptive	Confirmation process not been carried out for Enterococci due to nature of the sample.
21145446	MIN-01	TVC 37C 1 day	TVC Estimated.
21145446	MIN-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:  Name:  Date: **15 December 2021**
Title: **Technical Inorganic Manager**

Page Intentionally Left Blank



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR21C2659	Issue Date	: 03-Jan-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 211209-84	Page	: 1 of 11
Order number	: ----	Date Samples Received	: 14-Dec-2021
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 14-Dec-2021 - 03-Jan-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample PR21C2659/012 method W-PESLMS02 - LOR for sample raised due to matrix interference and low internal standards recoveries.

Sample(s) PR21C2659/013-014, method W-PESLMS04 - the LOR is increased due to matrix interferences.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 10.12.2021.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		25494541 MIN - 01		25494424 MIN - 02A		25494561 MIN - 01	
				Laboratory sample ID		PR21C2659001		PR21C2659002		PR21C2659003	
				Client sampling date / time		10-Dec-2021 07:50		10-Dec-2021 07:45		10-Dec-2021 07:51	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494451 MIN - 02A		25494624 MIN - 01		25494642 MIN - 02A	
				Laboratory sample ID		PR21C2659004		PR21C2659005		PR21C2659006	
				Client sampling date / time		10-Dec-2021 07:46		10-Dec-2021 07:52		10-Dec-2021 07:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	----	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494409 MIN - 01		25494387 MIN - 02A		25494409 MIN - 01	
				Laboratory sample ID		PR21C2659007		PR21C2659008		PR21C2659009	
				Client sampling date / time		10-Dec-2021 07:44		10-Dec-2021 07:43		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	<0.04	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	----	---	0.30	± 18.6%		

Sub-Matrix: SURFACE WATER				Client sample ID		25494387 MIN - 02A		25494539 MIN - 01		25494418 MIN - 02A	
				Laboratory sample ID		PR21C2659010		PR21C2659011		PR21C2659012	
				Client sampling date / time		10-Dec-2021 07:43		10-Dec-2021 07:50		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.28	± 19.1%	----	---	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494387 MIN - 02A		25494539 MIN - 01		25494418 MIN - 02A	
				Laboratory sample ID		PR21C2659010		PR21C2659011		PR21C2659012	
				Client sampling date / time		10-Dec-2021 07:43		10-Dec-2021 07:50		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	0.015	± 30.0%	0.010	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	0.022	± 30.0%	0.019	± 30.0%		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenofoxuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494387 MIN - 02A		25494539 MIN - 01		25494418 MIN - 02A	
				Laboratory sample ID		PR21C2659010		PR21C2659011		PR21C2659012	
				Client sampling date / time		10-Dec-2021 07:43		10-Dec-2021 07:50		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	0.013	± 30.0%	0.018	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	0.021	± 30.0%		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	0.028	± 30.0%	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	0.012	± 30.0%	0.024	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494387 MIN - 02A		25494539 MIN - 01		25494418 MIN - 02A	
				Laboratory sample ID		PR21C2659010		PR21C2659011		PR21C2659012	
				Client sampling date / time		10-Dec-2021 07:43		10-Dec-2021 07:50		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494387 MIN - 02A		25494539 MIN - 01		25494418 MIN - 02A	
				Laboratory sample ID		PR21C2659010		PR21C2659011		PR21C2659012	
				Client sampling date / time		10-Dec-2021 07:43		10-Dec-2021 07:50		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propanil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	0.017	± 30.0%	0.020	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	0.017	± 30.0%	0.017	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	0.027	± 30.0%	<0.040	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	<0.040	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	0.017	± 30.0%	0.017	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25494535 MIN - 01		25494416 MIN - 02A		25494493 MIN - 01	
Laboratory sample ID				PR21C2659013		PR21C2659014		PR21C2659015			
Client sampling date / time				10-Dec-2021 07:50		10-Dec-2021 07:44		10-Dec-2021 07:49			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	---	---	---	---
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---	---	---
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
Amidithion	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	---	---	---	---
Anilazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Azaconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	---	---	---	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	---	---	---	---
Buprofezin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Clofentezine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---	---	---
Cyflufenamid	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Desmedipham	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---	---	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---	---	---
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dimethenamid OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dimoxystrobin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---	---	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	---	---	---	---
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	---	---	---	---
Etoxazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Famoxadone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Famphur	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fenothiocarb	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fludioxonil	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Flufenacet	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Flufenacet ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Flufenacet OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fluopyram	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fluquinconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	---	---	---	---
Flutriafol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Fosthiazate	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Furalaxyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Imidacloprid	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---



Sub-Matrix: SURFACE WATER				Client sample ID		25494535 MIN - 01		25494416 MIN - 02A		25494493 MIN - 01	
				Laboratory sample ID		PR21C2659013		PR21C2659014		PR21C2659015	
				Client sampling date / time		10-Dec-2021 07:50		10-Dec-2021 07:44		10-Dec-2021 07:49	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pyridaben	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalphos	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Sedaxane	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	----	<0.300	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	----	<0.500	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	----	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflururon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25494412 MIN - 02A		25494564 MIN - 01		25494453 MIN - 02A	
				Laboratory sample ID		PR21C2659016		PR21C2659017		PR21C2659018	
				Client sampling date / time		10-Dec-2021 07:44		10-Dec-2021 07:51		10-Dec-2021 07:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	0.084	± 35.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	<0.50	----		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		25494412 MIN - 02A		25494564 MIN - 01		25494453 MIN - 02A	
				Laboratory sample ID		PR21C2659016		PR21C2659017		PR21C2659018	
				Client sampling date / time		10-Dec-2021 07:44		10-Dec-2021 07:51		10-Dec-2021 07:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25494412 MIN - 02A		25494564 MIN - 01		25494453 MIN - 02A	
				Laboratory sample ID		PR21C2659016		PR21C2659017		PR21C2659018	
				Client sampling date / time		10-Dec-2021 07:44		10-Dec-2021 07:51		10-Dec-2021 07:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quisqualop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494409 MIN - 01		25494387 MIN - 02A		25494406 MIN - 01	
				Laboratory sample ID		PR21C2659019		PR21C2659020		PR21C2659021	
				Client sampling date / time		10-Dec-2021 07:44		10-Dec-2021 07:43		10-Dec-2021 07:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	----	---	<5.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25494386 MIN - 02A		----		----	
				Laboratory sample ID		PR21C2659022		----		----	
				Client sampling date / time		10-Dec-2021 07:43		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	----	---	----	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis



Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

Individuals' names and
signatures redacted



Certificate of Analysis

Report No.: 21-16785-1

Issue No.: 1

Date of Issue 05/01/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact: [REDACTED]

Customer Order No.: 211209-84

Customer Reference: 211209-84

Quotation Reference: 211028/06

Description: 2 water samples

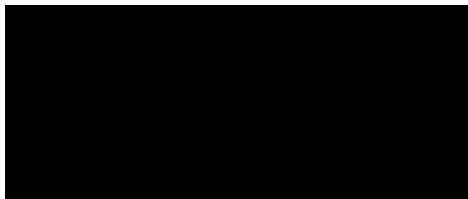
Date Received: 13/12/2021

Date Started: 23/12/2021

Date Completed: 05/01/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None



Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

Results Summary

Report No.: 21-16785-1

Customer Reference: 211209-84

Customer Order No: 211209-84

Customer Sample No	25494477	25494449
Customer Sample ID	MIN-01	MIN-02A
RPS Sample No	479581	479582
Sample Type	WATER	WATER
Sampling Date	08/12/2021	08/12/2021

Determinand	CAS No	Codes	SOP	Units	RL		
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10

Deviating Samples

Report No.: 21-16785-1

Customer Reference: 211209-84

Customer Order No.: 211209-84

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
479581	25494477		08/12/2021	500ml green glass bottle	No	
479582	25494449		08/12/2021	500ml green glass bottle	No	

Report No.: 21-16785-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



CERTIFICATE OF ANALYSIS

SDG:	211209-84	Client Reference:	60663957	Report Number:	628766
Location:	Minworth	Order Number:	60663	Superseded Report:	628445

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 09 February 2022
Customer: Aecom
Sample Delivery Group (SDG): 220113-52
Your Reference: 60663957
Location: Minworth
Report No: 632841
Order Number: 60663

This report has been revised and directly supersedes 631251 in its entirety.

We received 6 samples on Thursday January 13, 2022 and 6 of these samples were scheduled for analysis which was completed on Wednesday February 09, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

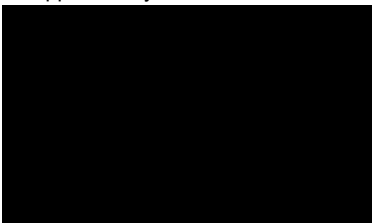
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25636714	MIN-03			12/01/2022
25636713	MIN-04			12/01/2022
25636712	MIN-05			12/01/2022
25636717	MIN-02B			12/01/2022
25636718	MIN-02B(2)			12/01/2022
25636715	MIN-02C			12/01/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend						
<p>X Test</p> <p>N No Determination Possible</p> <p>Sample Types -</p> <p>S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other</p>	Lab Sample No(s)	25636714	25636713	25636712	25636717	25636715
	Customer Sample Reference	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
	AGS Reference					
	Depth (m)					
	Container					
	Sample Type	SW	SW	SW	TS	SW
	Gross Alpha Activity*	All	NDPs: 0 Tests: 5	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 5	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 5	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 5	X	X	X	X

25636718	MIN-02B(2)			330ml plastic bottle (ALE503)	TS																																																				
				Vial (ALE297)	TS																																																				
				NaOH (ALE245)	TS																																																				
				HNO3 Unfiltered (ALE204)	TS																																																				
				HNO3 Filtered (ALE204)	TS																																																				
				H2SO4 (ALE244)	TS									X																																											
				500ml Plastic (ALE208)	TS																																																				
				330ml plastic bottle (ALE503)	TS																																																				
				250ml Amber Gl. PTFE/PE (ALE219)	TS																																																				
				1plastic (ALE221)	TS																																																				
				0.5l glass bottle (ALE227)	TS		X																																																		
				Vial (ALE297)	SW																																																				
				NaOH (ALE245)	SW																																																				
				HNO3 Filtered (ALE204)	SW																																																				
				H2SO4 (ALE244)	SW										X																																										
500ml Plastic (ALE208)	SW																																																								
330ml plastic bottle (ALE503)	SW																																																								
250ml Amber Gl. PTFE/PE (ALE219)	SW																																																								
1plastic (ALE221)	SW																																																								
0.5l glass bottle (ALE227)	SW																																																								
Vial (ALE297)	SW																																																								
25636717	MIN-02B																																																								
25636713	MIN-04																																																								



CERTIFICATE OF ANALYSIS

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend	Lab Sample No(s)																				
	Customer Sample Reference	AGS Reference	Depth (m)	Container																	
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other			Sample Type																		
	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	NaOH (ALE245)	
X Test N No Determination Possible	25636714	MIN-03		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 5		X								X									
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 5							X												X
Epichlorohydrin*	All	NDPs: 0 Tests: 5		X								X									
Escherichia Coli*	All	NDPs: 0 Tests: 5					X					X									
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 5					X					X									
Fluoride	All	NDPs: 0 Tests: 5				X							X								
Glyphosate and AMPA	All	NDPs: 0 Tests: 6				X							X								
Mercury Dissolved	All	NDPs: 0 Tests: 5							X												X
Metaldehyde	All	NDPs: 0 Tests: 5		X								X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 5								X											X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 5				X							X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 5		X								X									
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 5		X								X									
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 5		X								X									
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 5		X								X									



CERTIFICATE OF ANALYSIS

Validated

 SDG: 220113-52
 Client Ref.: 60663957

 Report Number: 632841
 Location: Minworth

Superseded Report: 631251

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

	Lab Sample No(s)																					
	Customer Sample Reference																					
AGS Reference																						
Depth (m)																						
Container	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 5	X									X										
pH Value	All	NDPs: 0 Tests: 5		X											X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 5		X											X							
TOC (Filtered)*	All	NDPs: 0 Tests: 5	X									X										
Total Coliforms(W)*	All	NDPs: 0 Tests: 5				X								X								
Total Metals by ICP-MS	All	NDPs: 0 Tests: 5							X												X	
Total Organic Carbon*	All	NDPs: 0 Tests: 5	X									X										
Turbidity in waters	All	NDPs: 0 Tests: 5		X											X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 5				X								X								
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 5				X								X								
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 5				X								X								
VOC MS (W)	All	NDPs: 0 Tests: 5									X											

25636718	MIN-02B(2)		330ml plastic bottle (ALE503)	TS																					
			Vial (ALE297)	TS																					
			NaOH (ALE245)	TS																					
			HNO3 Unfiltered (ALE204)	TS								X													
			HNO3 Filtered (ALE204)	TS																					
			H2SO4 (ALE244)	TS																					
			500ml Plastic (ALE208)	TS							X														
			330ml plastic bottle (ALE603)	TS			X																		
			250ml Amber Gl. PTFE/PE (ALE219)	TS				X																	
			1l plastic (ALE221)	TS																					
			25636712	MIN-05		0.5l glass bottle (ALE227)	TS					X													
						Vial (ALE297)	SW									X									
NaOH (ALE245)	SW																								
HNO3 Filtered (ALE204)	SW																								
H2SO4 (ALE244)	SW																								
500ml Plastic (ALE208)	SW											X													
330ml plastic bottle (ALE503)	SW						X																		
250ml Amber Gl. PTFE/PE (ALE219)	SW							X																	
1l plastic (ALE221)	SW																								
0.5l glass bottle (ALE227)	SW										X														
Vial (ALE297)	SW																							X	
25636713	MIN-04					0.5l glass bottle (ALE227)	SW					X													
			Vial (ALE297)	SW																				X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">X Test</div> <div style="display: flex; align-items: center;">N No Determination Possible</div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)													25636715	
	Customer Sample Reference													MIN-02C	
	AGS Reference														
	Depth (m)														
	Container													Vial (ALE297)	
	Sample Type													SW	
		0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)				
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 5	X												
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 5	X												
Alkalinity as CaCO3	All	NDPs: 0 Tests: 5				X									
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 5						X							
Anions by ion Chromatography	All	NDPs: 0 Tests: 5				X									
Anions by Kone (w)	All	NDPs: 0 Tests: 5				X									
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 5				X									
Bromate by IC*	All	NDPs: 0 Tests: 5				X									
Chlormequat*	All	NDPs: 0 Tests: 5	X												
Chlorophyll-a Cold	All	NDPs: 0 Tests: 5					X								
Clostridium Perfringens*	All	NDPs: 0 Tests: 5						X							
Colour Test	All	NDPs: 0 Tests: 5				X									
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 5				X									
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 5						X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 5											X		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: red; color: white; border: 1px solid black; margin-right: 5px; display: flex; align-items: center; justify-content: center;">N</div> No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)											
	Customer Sample Reference											
	AGS Reference											
	Depth (m)											
	Container	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 5		X							
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 5						X				
Epichlorohydrin*	All	NDPs: 0 Tests: 5	X									
Escherichia Coli*	All	NDPs: 0 Tests: 5				X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 5				X						
Fluoride	All	NDPs: 0 Tests: 5				X						
Glyphosate and AMPA	All	NDPs: 0 Tests: 6				X						
Mercury Dissolved	All	NDPs: 0 Tests: 5						X				
Metaldehyde	All	NDPs: 0 Tests: 5	X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 5								X		
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 5				X						
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 5	X									
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 5	X									
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 5	X									
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 5	X									



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)											25636715
Customer Sample Reference											MIN-02C
AGS Reference											
Depth (m)											
Container	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW

Parameter	All	NDPs: 0 Tests: 5	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 5	X										
pH Value	All	NDPs: 0 Tests: 5					X						
Phosphate by Kone (w)	All	NDPs: 0 Tests: 5					X						
TOC (Filtered)*	All	NDPs: 0 Tests: 5	X										
Total Coliforms(W)*	All	NDPs: 0 Tests: 5						X					
Total Metals by ICP-MS	All	NDPs: 0 Tests: 5										X	
Total Organic Carbon*	All	NDPs: 0 Tests: 5	X										
Turbidity in waters	All	NDPs: 0 Tests: 5					X						
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 5						X					
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 5						X					
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 5						X					
VOC MS (W)	All	NDPs: 0 Tests: 5											X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend		Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
#	ISO17025 accredited.		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
M	mCERTS accredited.	Depth (m)	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022
aq	Aqueous / settled sample.	Sample Type	11:43:00	11:04:00	09:39:00	14:24:00	14:24:00	13:30:00
diss.filt	Dissolved / filtered sample.	Date Sampled	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022
tot.unfilt	Total / unfiltered sample.	Date Received	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52
* Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		SDG Ref	25636714	25636713	25636712	25636717	25636718	25636715
		Lab Sample No.(s)						
		AGS Reference						
Component	LOD/Units	Method						
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02		<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<2	<2	<2	<2		<2
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.22		<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5		<5
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1		<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7	<7	<7	<7		<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>80	>100	>100	>100		>90
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<1.04	<0.952	<0.943	<1.01		<0.99
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0		0
Dissolved Organic Carbon, as C*	<0.7 mg/l	SUB	8.4	7.9	7.4	7.2		8
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5		<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.05	<0.04	<0.04		<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.44	0.34	0.29	0.49		0.49
Total Organic Carbon, as C*	<0.7 mg/l	SUB	8.6	7.9	8.1	7.7		8.3
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5		<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000		>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	520	>1000	520	949		910
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	806	>1000	481	>1000		728
2,4,5-T*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01		<0.01
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02		<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
Clostridium Perfringens (M2P)	CFU/100ml	SUB	>100	>100	>100	>100		>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05		<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	>90		>100
Giardia (B0X)*	<0 cysts/10L	SUB	<1.04	<0.952	<0.943	1.01		0.99
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10		<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100		>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01		<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100		>100
I-131*	<0.05 Bq/l	SUB	0.32	0.15	0.11	<0.064			0.59
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2			<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100			>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	0.012	<0.01	<0.01	<0.01			0.012
Acetamiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1			<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.22			<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Clofentazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5			<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Benazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)		
Date Sampled	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022		
Sample Time	11:43:00	11:04:00	09:39:00	14:24:00	14:24:00	14:24:00	13:30:00		
Date Received	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022		
SDG Ref	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52		
Lab Sample No.(s)	25636714	25636713	25636712	25636717	25636718	25636718	25636715		
AGS Reference									
Component	LOD/Units	Method							
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10			<10
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethylaminosulfaniide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2			<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2			<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Etoxadazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dicamba*	<0.03 µg/l	SUB	<0.06	<0.03	<0.03	<0.06			<0.03
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.06	<0.06	<0.06	<0.06			<0.06
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Ioxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
BAM*	<0.01 µg/l	SUB	0.015	0.013	0.01	0.01	0.01		0.014
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
MCPP (isomers)*	<0.01 µg/l	SUB	0.069	0.044	0.032	<0.01	<0.01		0.07
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Picloram*	<0.02 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.02		<0.04
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Imidacloprid*	<0.05 µg/l	SUB	0.064	0.056	<0.05	0.126	0.126		0.077
Propoxycarbazono-sodium*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Methiocarb sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)
Date Sampled	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022
Sample Time	11:43:00	11:04:00	09:39:00	11:04:00	09:39:00	14:24:00	14:24:00	14:24:00	13:30:00
Date Received	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022
SDG Ref	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52
Lab Sample No.(s)	25636714	25636713	25636712	25636712	25636712	25636717	25636718	25636718	25636715
AGS Reference									
Component	LOD/Units	Method							
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Thiazafurion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.04		<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*@\$ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)		
Date Sampled	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022		
Sample Time	11:43:00	11:04:00	09:39:00	11:04:00	14:24:00	14:24:00	13:30:00		
Date Received	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022		
SDG Ref	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52		
Lab Sample No.(s)	25636714	25636713	25636712	25636712	25636717	25636718	25636715		
AGS Reference									
Component	LOD/Units	Method							
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	0.073	0.31	0.272	<0.05			<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	0.074	0.054	<0.05			<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1			<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Dichloromid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Diflufenzuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Diuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			0.012
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fenuron*	<0.01 µg/l	SUB	<0.02	<0.01	<0.01	<0.01			<0.02
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.046	0.043	<0.03	0.096			0.055
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4-@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Propyzamide*	<0.01 µg/l	SUB	0.186	0.134	0.045	<0.01			0.142
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Quindlorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04			<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			0.038
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	0.01	<0.01	<0.01	<0.01			<0.01
Terbutryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	0.011			<0.01
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*@\$@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Treated Sewage (TS)	Surface Water (SW)			
Date Sampled	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022			12/01/2022
Sample Time	11:43:00	11:04:00	09:39:00	14:24:00	14:24:00	13:30:00			13:30:00
Date Received	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022			13/01/2022
SDG Ref	220113-52	220113-52	220113-52	220113-52	220113-52	220113-52			220113-52
Lab Sample No.(s)	25636714	25636713	25636712	25636717	25636718	25636715			25636715
AGS Reference									
Component	LOD/Units	Method							
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03			<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02			<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05			<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01			<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	142	152	166	110			129
			#	#	#	#			#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.624	<0.2	<0.2	2.11			0.444
			#	#	#	#			#
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5	<0.5	0.57			<0.5
			#	#	#	#			#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.72	0.705	0.716	0.574			0.733
			#	#	#	#			#
Salinity	<2	TM120	<2	<2	<2	<2			<2
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	11.4	<10			<10
			#	#	#	#			#
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1			1.01
			#	#	#	#			#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.43	1.33	1.38	1.24			1.21
			#	#	#	#			#
Boron (diss.filt)	<10 µg/l	TM152	193	153	126	102			230
			#	#	#	#			#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08			<0.08
			#	#	#	#			#
Chromium (diss.filt)	<1 µg/l	TM152	1.26	1.15	<1	<1			1.96
			#	#	#	#			#
Copper (diss.filt)	<0.3 µg/l	TM152	2.52	2.82	3.38	0.608			2.91
			#	#	#	#			#
Lead (diss.filt)	<0.2 µg/l	TM152	0.229	<0.2	<0.2	<0.2			0.464
			#	#	#	#			#
Manganese (diss.filt)	<3 µg/l	TM152	116	81.4	43.5	61.5			81.6
			#	#	#	#			#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	430	431	359	1150			397
			#	#	2 #	#			#
Nickel (diss.filt)	<0.4 µg/l	TM152	11.4	8.37	5.05	13.5			13.7
			#	#	#	#			#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1			<1
			#	#	#	#			#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	59.5	50.6	45.9	49			69.2
			#	#	#	#			#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0695	0.0421	0.0409	0.0435			0.0519
			#	#	#	#			#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	250	278	309	181			240
			#	#	2	#			#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01			<0.01
			#	#	#	#			#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Nitrite as NO2	<0.05 mg/l	TM184	0.802	0.547	0.364	2.15		0.562	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.903	0.735	0.798	2.93		0.67	
Sulphate	<2 mg/l	TM184	85.8	94.3	110	80.1		88	
Chloride	<2 mg/l	TM184	92.7	79.9	75	65.3		105	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.295	0.24	0.26	0.956		0.219	
Nitrate as NO3	<0.3 mg/l	TM184	51.1	49.7	43.6	41.1		51.1	
Turbidity	<0.1 ntu	TM195	6.21	7.76	7.54	1.85		4.53	
Bromide	<0.06 mg/l	TM226	0.251	0.139	0.151	0.171		0.285	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05		<0.05	
pH	<1 pH Units	TM256	7.62	7.84	7.97	7.02		7.5	
Apparent Colour	<1 mg/l Pt/Co	TM261	43.5	49.1	42.6	21.7		23.2	
True Colour	<1 mg/l Pt/Co	TM261	24.6	21.7	19.2	18.8		20.9	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endrin	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02		<0.02	
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01		<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02		<0.02	
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02		<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02			<0.02
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02			<0.02
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.06	<0.06	<0.06	<0.06			<0.06
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01			<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01			<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triallate	<0.01 µg/l	TM344	<0.01	0.0399	0.0296	0.0135			<0.01
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Simazine	<0.01 µg/l	TM344	0.0549	0.0383	0.0272	0.132			<0.01
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636718	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715
Component	LOD/Units	Method							
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01			<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02			<0.02
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02			<0.02
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Omethoate	<0.01 µg/l	TM345	<0.02	<0.02	<0.02	<0.02			<0.02
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Propyzamide	<0.01 µg/l	TM345	0.138	0.122	0.0389	<0.01			0.12
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.02	<0.02	<0.02	<0.02			<0.02
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01			<0.01
Glyphosate	<0.1 µg/l	TM413	0.363	0.222	0.189	0.252	0.19		0.284
AMPA	<0.1 µg/l	TM413	0.998	0.745	0.587	0.802	0.701		1.04
Metaldehyde	<10 ng/l	TM416	<10	<10	<10	<10			11.6



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
M	mCERTS accredited.			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Surface Water (SW)
aq	Aqueous / settled sample.			12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022
diss.filt	Dissolved / filtered sample.			11:43:00	11:04:00	09:39:00	14:24:00	13:30:00
tot.unfilt	Total / unfiltered sample.			13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022
*	Subcontracted - refer to subcontractor report for accreditation status.			220113-52	220113-52	220113-52	220113-52	220113-52
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			25636714	25636713	25636712	25636717	25636715
(F)	Trigger breach confirmed							
1-4*#	@ Sample deviation (see appendix)							
Component	LOD/Units	Method						
Naphthalene (aq)	<0.01 µg/l	TM178	0.0123	<0.01	<0.01	0.0444	0.0553	
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0127	0.0226	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	
Fluoranthene (aq)	<0.005 µg/l	TM178	0.0244	0.0344	0.0118	0.368	0.505	
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0084	
Phenanthrene (aq)	<0.005 µg/l	TM178	<0.005	0.0166	<0.005	0.308	0.387	
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0101	0.0181	
Chrysene (aq)	<0.005 µg/l	TM178	<0.005	0.0191	<0.005	0.168	0.24	
Pyrene (aq)	<0.005 µg/l	TM178	0.0253	0.0337	0.0113	0.239	0.389	
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0409	0.0998	
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0324	<0.005	0.188	0.296	
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0148	<0.005	0.0765	0.109	
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	<0.002	<0.002	<0.002	0.0844	0.136	
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.0188	0.0423	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005	0.0128	<0.005	0.0689	0.112	
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	0.059	0.12	
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082	0.164	<0.082	1.69	2.54	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C
M	mCERTS accredited.			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	Surface Water (SW)
aq	Aqueous / settled sample.			12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022
diss.flit	Dissolved / filtered sample.			11:43:00	11:04:00	09:39:00	14:24:00	13:30:00
tot.unflit	Total / unfiltered sample.			13/01/2022	13/01/2022	13/01/2022	13/01/2022	13/01/2022
*	Subcontracted - refer to subcontractor report for accreditation status.			220113-52	220113-52	220113-52	220113-52	220113-52
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			25636714	25636713	25636712	25636717	25636715
(F)	Trigger breach confirmed							
1-4*\$@	Sample deviation (see appendix)							
Component	LOD/Units	Method						
Dibromofluoromethane**	%	TM208	113	113	110	112	112	
Toluene-d8**	%	TM208	99.8	99.4	99.3	98.9	100	
4-Bromofluorobenzene**	%	TM208	102	101	100	101	99.6	
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02C	
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 12/01/2022 11:43:00 13/01/2022 220113-52 25636714	Surface Water (SW) 12/01/2022 11:04:00 13/01/2022 220113-52 25636713	Surface Water (SW) 12/01/2022 09:39:00 13/01/2022 220113-52 25636712	Treated Sewage (TS) 12/01/2022 14:24:00 13/01/2022 220113-52 25636717	Surface Water (SW) 12/01/2022 13:30:00 13/01/2022 220113-52 25636715	
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	
Dibromochloromethane	<1 µg/l	TM208	#	#	#	#	#	#	
1,2-Dibromoethane	<1 µg/l	TM208	#	#	#	#	#	#	
Chlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	
Ethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
m,p-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	
o-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	
Styrene	<1 µg/l	TM208	#	#	#	#	#	#	
Bromofom	<1 µg/l	TM208	#	#	#	#	#	#	
Isopropylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	
1,2,3-Trichloropropane	<1 µg/l	TM208	#	#	#	#	#	#	
Bromobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
Propylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
2-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	
1,3,5-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
4-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	
tert-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,2,4-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
sec-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
4-iso-Propyltoluene	<1 µg/l	TM208	#	#	#	#	#	#	
1,3-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,4-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
n-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,2-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	#	#	#	#	#	#	
1,2,4-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
Hexachlorobutadiene	<1 µg/l	TM208	#	#	#	#	#	#	
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	#	#	#	#	#	#	
Naphthalene	<1 µg/l	TM208	#	#	#	#	#	#	
1,2,3-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	
1,3,5-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220113-52
Client Ref.: 60663957

Report Number: 632841
Location: Minworth

Superseded Report: 631251

Test Completion Dates

Lab Sample No(s)	25636714	25636713	25636712	25636717	25636718	25636715
Customer Sample Ref.	MIN-03	MIN-04	MIN-05	MIN-02B	MIN-02B(2)	MIN-02C
AGS Ref.						
Depth						
Type	Surface Water	Surface Water	Surface Water	Treated Sewag	Treated Sewag	Surface Water
Acid Herbicides by LCMS*	08-Feb-2022	08-Feb-2022	08-Feb-2022	08-Feb-2022		08-Feb-2022
Acrylamide by LCMS (W)*	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Alkalinity as CaCO3	17-Jan-2022	17-Jan-2022	17-Jan-2022	17-Jan-2022		17-Jan-2022
Ammoniacal Nitrogen	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Anions by ion Chromatography	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Anions by Kone (w)	19-Jan-2022	18-Jan-2022	18-Jan-2022	19-Jan-2022		19-Jan-2022
Artificial radionuclide by HR gamma	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Bromate by IC*	08-Feb-2022	08-Feb-2022	08-Feb-2022	08-Feb-2022		08-Feb-2022
Chloromequat*	28-Jan-2022	28-Jan-2022	28-Jan-2022	28-Jan-2022		28-Jan-2022
Chlorophyll-a Cold	20-Jan-2022	20-Jan-2022	24-Jan-2022	20-Jan-2022		20-Jan-2022
Clostridium Perfringens*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Colour Test	18-Jan-2022	18-Jan-2022	18-Jan-2022	14-Jan-2022		14-Jan-2022
Conductivity (at 20 deg C)	19-Jan-2022	19-Jan-2022	19-Jan-2022	19-Jan-2022		19-Jan-2022
Cryptosporidium & Giardia*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Cyanide Comp/Free/Total/Thiocyanate	17-Jan-2022	19-Jan-2022	19-Jan-2022	17-Jan-2022		17-Jan-2022
Cyanobacteria (Blue Green algae)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Dissolved Metals by ICP-MS	17-Jan-2022	18-Jan-2022	18-Jan-2022	17-Jan-2022		17-Jan-2022
Epichlorohydrin*	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Escherichia Coli*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Faecal Streptococci (W)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Fluoride	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Glyphosate and AMPA	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022
Gross Alpha Activity*	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Gross beta activity	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Mercury Dissolved	17-Jan-2022	18-Jan-2022	18-Jan-2022	17-Jan-2022		17-Jan-2022
Metaldehyde	19-Jan-2022	19-Jan-2022	19-Jan-2022	19-Jan-2022		19-Jan-2022
Natural radionuclide by HR gamma	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Nitrite by Kone (w)	14-Jan-2022	17-Jan-2022	17-Jan-2022	14-Jan-2022		14-Jan-2022
PAH Spec MS - Aqueous (W)	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Pesticides (Suite I) by GCMS	19-Jan-2022	19-Jan-2022	19-Jan-2022	19-Jan-2022		19-Jan-2022
Pesticides (Suite II) by GCMS	19-Jan-2022	19-Jan-2022	19-Jan-2022	19-Jan-2022		19-Jan-2022
Pesticides (Suite III) by GCMS	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Pesticides by GCMS (W-PESLMS02LL)*	08-Feb-2022	08-Feb-2022	08-Feb-2022	08-Feb-2022		08-Feb-2022
Pesticides by GCMS (W-PESLMS07)*	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
pH Value	18-Jan-2022	18-Jan-2022	18-Jan-2022	14-Jan-2022		14-Jan-2022
Phosphate by Kone (w)	14-Jan-2022	14-Jan-2022	14-Jan-2022	14-Jan-2022		14-Jan-2022
TOC (Filtered)*	21-Jan-2022	21-Jan-2022	21-Jan-2022	21-Jan-2022		21-Jan-2022
Total Coliforms(W)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
Total Metals by ICP-MS	18-Jan-2022	18-Jan-2022	18-Jan-2022	18-Jan-2022		18-Jan-2022
Total Organic Carbon*	21-Jan-2022	21-Jan-2022	21-Jan-2022	21-Jan-2022		21-Jan-2022
Tritium by Scintillation	09-Feb-2022	09-Feb-2022	09-Feb-2022	09-Feb-2022		09-Feb-2022
Turbidity in waters	17-Jan-2022	17-Jan-2022	17-Jan-2022	14-Jan-2022	14-Jan-2022	14-Jan-2022
TVC 22C 3 day (W)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
TVC 37C 1 day (W)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
TVC 37C 2 day (W)*	20-Jan-2022	20-Jan-2022	20-Jan-2022	20-Jan-2022		20-Jan-2022
VOC MS (W)	14-Jan-2022	14-Jan-2022	14-Jan-2022	14-Jan-2022		14-Jan-2022

Individuals' names and signatures redacted



ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Ms SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire CH5 3US

20 January 2022

Test Report: COV/2256333/2022

Dear Ms SubCon Results

Analysis of your sample(s) received on 12 January 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

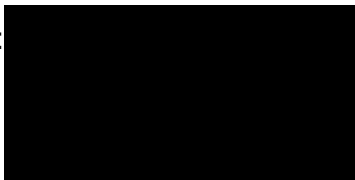
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Crypto Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

**Ms Hawarden SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire
CH5 3US**



Individuals' names and signatures redacted

Date of Issue: **20 January 2022**

Report Number: **COV/2256333/2022**

Issue **1**

This issue replaces all previous issues

Job Description: ALS 999 - Emergency Projects

Job Location: Bacti Samples

Number of Samples included in this report **5**

Job Received: **12 January 2022**

Number of Test Results included in this report **75**

Analysis Commenced: **13 January 2022**

Signed:



Name:



Date: **20 January 2022**

Title: **Crypto Team Leader**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256333/2022**
 Laboratory Number: **21233659**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **12 January 2022 09:39**
 Sample Received: **12 January 2022**
 Analysis Complete: **20 January 2022**

Issue **1**
 Sample **1** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/01/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 2 day	481	cfu/ml	15/01/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	17/01/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	14/01/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	15/01/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	15/01/2022	Y Cov	W7
Crypto Sample 4-6um	<0.94340	Oocysts10L	19/01/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 1 day	520	cfu/ml	14/01/2022	Y Cov	W1
Giardia Sample	<0.94340	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	Y Cov	W44

Analyst Comments for 21233659:

Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
 Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus faecalis. TVC Estimated.

1 Giardia Like Body (8-14 microns)

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed



Name: [Redacted]

Date: 20 January 2022

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256333/2022**
 Laboratory Number: **21233660**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **12 January 2022 11:04**
 Sample Received: **12 January 2022**
 Analysis Complete: **20 January 2022**

Issue **1**
 Sample **2** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/01/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	15/01/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	16/01/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	14/01/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	15/01/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	15/01/2022	Y Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	19/01/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	14/01/2022	Y Cov	W1
Giardia Sample	<0.95238	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	Y Cov	W44

Analyst Comments for 21233660:

Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
 Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated.
 Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis. TVC Estimated.

3 Giardia Like Bodies (8-14 microns)

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 20 January 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256333/2022**
 Laboratory Number: **21233661**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **12 January 2022 11:43**
 Sample Received: **12 January 2022**
 Analysis Complete: **20 January 2022**

Issue **1**
 Sample **3** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/01/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 2 day	806	cfu/ml	15/01/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	17/01/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	14/01/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	16/01/2022	Y Cov	W7
Crypto Sample 4-6um	<1.04167	Oocysts10L	19/01/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>80	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 1 day	520	cfu/ml	14/01/2022	Y Cov	W1
Giardia Sample	<1.04167	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	Y Cov	W44

Analyst Comments for 21233661:

TVC Estimated. Total coliforms identified as Raoultella ornithinolytica, Klebsiella pneumoniae, Enterobacter kobei, Klebsiella species, Escherichia species and E.coli TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis. TVC Estimated.

1 Giardia Like Body (8-14 microns)

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 20 January 2022

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256333/2022**
 Laboratory Number: **21233662**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02c**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **12 January 2022 13:30**
 Sample Received: **12 January 2022**
 Analysis Complete: **20 January 2022**

Issue **1**
 Sample **4** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/01/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 2 day	728	cfu/ml	15/01/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	16/01/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	14/01/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	14/01/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	14/01/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	15/01/2022	Y Cov	W7
Crypto Sample 4-6um	<0.99010	Oocysts10L	19/01/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>90	cfu/100ml	14/01/2022	Y Cov	W8
TVC 37C 1 day	910	cfu/ml	14/01/2022	Y Cov	W1
Giardia Sample	0.99010	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	Y Cov	W44

Analyst Comments for 21233662:

TVC Estimated. Total coliforms identified as Citrobacter species, Klebsiella variicola, Enterobacter kobei, Klebsiella pneumoniae, Klebsiella oxytoca, Enterobacter asburiae and E.coli TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species TVC Estimated.

Giardia Like Bodies (8-14 microns)

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 20 January 2022

Title: **Crypto Team Leader**

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256333/2022**
 Laboratory Number: **21233663**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02b**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **12 January 2022 14:24**
 Sample Received: **12 January 2022**
 Analysis Complete: **20 January 2022**

Issue **1**
 Sample **5** of **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/01/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	14/01/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	15/01/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	18/01/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	14/01/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	14/01/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	14/01/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	14/01/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	15/01/2022	N Cov	W7
Enterococci confirmed	>90	cfu/100ml	15/01/2022	N Cov	W7
Crypto Sample 4-6um	<1.01010	Oocysts10L	19/01/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	14/01/2022	N Cov	W8
TVC 37C 1 day	949	cfu/ml	14/01/2022	N Cov	W1
Giardia Sample	1.01010	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	N Cov	W44

Analyst Comments for 21233663:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 20 January 2022

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2256333/2022

Issue 1

This issue replaces all previous issues

Date of Issue: 20 January 2022

Sample No	Analysis Comments
21233659	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus faecalis. TVC Estimated. 1 Giardia Like Body (8-14 microns)
21233660	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis. TVC Estimated. 3 Giardia Like Bodies (8-14 microns)
21233661	TVC Estimated. Total coliforms identified as Raoultella ornithinolytica, Klebsiella pneumoniae, Enterobacter kobei, Klebsiella species, Escherichia species and E.coli TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis. TVC Estimated. 1 Giardia Like Body (8-14 microns)
21233662	TVC Estimated. Total coliforms identified as Citrobacter species, Klebsiella variicola, Enterobacter kobei, Klebsiella pneumoniae, Klebsiella oxytoca, Enterobacter asburiae and E.coli TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species TVC Estimated. Giardia Like Bodies (8-14 microns)
21233663	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated.

Signed:

Name:

Date: **20 January 2022**

Title: **Crypto Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2256333/2022

ISSUE 1

Date of Issue: 20 January 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21233659	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21233659	MIN-05	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21233659	MIN-05	TVC 22C 3 day	TVC Estimated.
21233659	MIN-05	TVC 37C 2 day	TVC Estimated.
21233659	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus faecalis.
21233659	MIN-05	TVC 37C 1 day	TVC Estimated.
21233659	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21233660	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21233660	MIN-04	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21233660	MIN-04	TVC 22C 3 day	TVC Estimated.
21233660	MIN-04	TVC 37C 2 day	TVC Estimated.
21233660	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis.
21233660	MIN-04	TVC 37C 1 day	TVC Estimated.
21233660	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21233661	MIN-03	Total Coliforms confirmed	Total coliforms identified as Raoultella ornithinolytica, Klebsiella pneumoniae, Enterobacter kobei, Klebsiella species, Escherichia species and E.coli
21233661	MIN-03	TVC 22C 3 day	TVC Estimated.
21233661	MIN-03	TVC 37C 2 day	TVC Estimated.
21233661	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis.
21233661	MIN-03	TVC 37C 1 day	TVC Estimated.
21233662	MIN-02c	Total Coliforms confirmed	Total coliforms identified as Citrobacter species, Klebsiella variicola, Enterobacter kobei, Klebsiella pneumoniae, Klebsiella oxytoca, Enterobacter asburiae and E.coli
21233662	MIN-02c	TVC 22C 3 day	TVC Estimated.
21233662	MIN-02c	TVC 37C 2 day	TVC Estimated.
21233662	MIN-02c	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus species
21233662	MIN-02c	TVC 37C 1 day	TVC Estimated.
21233663	MIN-02b	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21233663	MIN-02b	Total Coliform presump	Confirmation process not been carried out for coliforms due to nature of the sample.
21233663	MIN-02b	TVC 22C 3 day	TVC Estimated.
21233663	MIN-02b	TVC 37C 2 day	TVC Estimated.
21233663	MIN-02b	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus species.
21233663	MIN-02b	TVC 37C 1 day	TVC Estimated.
21233663	MIN-02b	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample.

Signed:	Name:	Date: 20 January 2022
	Title: Crypto Team Leader	

Page Intentionally Left Blank



Individuals' names and
signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Ms SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire CH5 3US

21 January 2022

Test Report: COV/2260334/2022

Dear Ms SubCon Results

Analysis of your sample(s) received on 15 January 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Inorganics Chemistry Manager



EMS 675527

OHS 542058

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**Ms Hawarden SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire
CH5 3US**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **21 January 2022**

Report Number: **COV/2260334/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: Main Quote 2022

Job Location: 220113-52

Number of Samples
included in this report **10**

Job Received: **15 January 2022**

Number of Test Results
included in this report **10**

Analysis Commenced: **18 January 2022**

Signed:



Name:



Date: **21 January 2022**

Title: **Inorganics Chemistry Manager**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245046**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643847 MIN-02B**
Sample Matrix: **Treated Sewage**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **1** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	7.2	mg/l	18/01/2022	Y Cov	WAS005

Analyst Comments for 21245046: No Analyst Comment



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 2 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245047**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643849 MIN-02B**
Sample Matrix: **Treated Sewage**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **2** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	7.7	mg/l	18/01/2022	Y Cov	WAS005

Analyst Comments for 21245047: No Analyst Comment

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name:	Date: 21 January 2022
		Title: Inorganics Chemistry Manager	

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 3 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245048**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643760 MIN-02C**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **3** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	8.0	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245048: No Analyst Comment

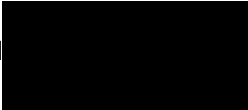

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 4 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245049**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643762 MIN-02C**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **4** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	8.3	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245049: No Analyst Comment

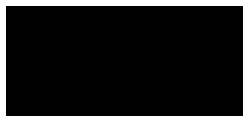

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 5 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245050**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643548 MIN-03**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **5** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	8.4	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245050: No Analyst Comment

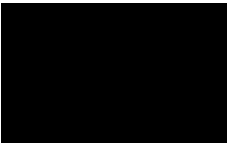

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 6 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245051**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643551 MIN-03**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **6** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	8.6	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245051: No Analyst Comment

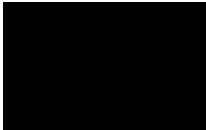

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 7 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245052**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643235 MIN-04**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **7** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	7.9	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245052: No Analyst Comment

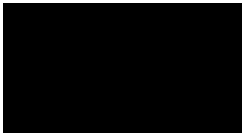

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245053**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643237 MIN-04**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **8** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	7.9	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245053: No Analyst Comment

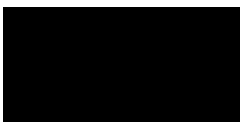

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 9 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245054**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643110 MIN-05**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **9** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	7.4	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245054: No Analyst Comment

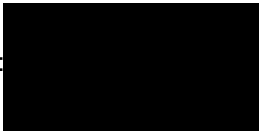

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 10 of 14

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2260334/2022**
Laboratory Number: **21245055**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25643112 MIN-05**
Sample Matrix: **Surface Water**
Sample Date/Time: **12 January 2022**
Sample Received: **15 January 2022**
Analysis Complete: **21 January 2022**

Issue **1**
Sample **10** of **10**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	8.1	mg/l	18/01/2022	N Cov	WAS005

Analyst Comments for 21245055: No Analyst Comment

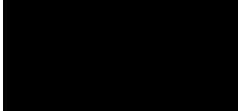

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **21 January 2022**
Title: **Inorganics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 11 of 14

Individuals' names and
signatures redacted



ANALYST COMMENTS FOR REPORT COV/2260334/2022

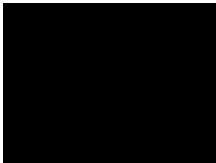
Issue 1

This issue replaces
all previous issues

Date of Issue: **21 January 2022**

Sample No	Analysis Comments
21245046	
21245047	
21245048	
21245049	
21245050	
21245051	
21245052	
21245053	
21245054	
21245055	

Signed:



Name:



Date: **21 January 2022**

Title: **Inorganics Chemistry Manager**

Individuals' names and
signatures redacted



DETERMINAND COMMENTS FOR REPORT COV/2260334/2022

ISSUE 1

This issue replaces
all previous issues

Date of Issue: 21 January 2022

Sample No	Description	Determinand	Comments

Signed:		Name:		Date:	21 January 2022
		Title:	Inorganics Chemistry Manager		

Report Changes

Job Changes

Field Changed	Before Value	After Value
----------------------	---------------------	--------------------

Sample Changes

Sample Number	Field Changed	Before Value	After Value
----------------------	----------------------	---------------------	--------------------

Result Changes

Sample Number	Det	Before Value	After Value
----------------------	------------	---------------------	--------------------

Moved Samples

Sample Number	Added/Removed
21245046	Added
21245047	Added
21245048	Added
21245049	Added
21245050	Added
21245051	Added
21245052	Added
21245053	Added
21245054	Added
21245055	Added

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-17357-2

Issue No.: 2

Date of Issue 28/01/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220113-52

Customer Reference: 220113-52

Quotation Reference: 220113/02

Description: 6 water samples

Date Received: 17/01/2022

Date Started: 26/01/2022

Date Completed: 27/01/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: This report replaces issue 1 in its entirety

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 22-17357-2

Customer Reference: 220113-52

Customer Order No: 220113-52

Customer Sample No	25643829	25643992	25643802	25643532	25643228	25643212
Customer Sample ID	MIN-02B	MIN-02B(2)	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	481809	481810	481811	481812	481813	481814
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022	12/01/2022

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Comments**Report No.: 22-17357-2**

Customer Reference: 220113-52

Customer Order No: 220113-52

Job	Description	Job Comments
22-17357	6 water samples	Issue 2: Client sample references amended.

Deviating Samples

Report No.: 22-17357-2

Customer Reference: 220113-52

Customer Order No: 220113-52

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
481809	25643829		12/01/2022	500ml green glass bottle	No	
481810	25643992		12/01/2022	500ml green glass bottle	No	
481811	25643802		12/01/2022	500ml green glass bottle	No	
481812	25643532		12/01/2022	500ml green glass bottle	No	
481813	25643228		12/01/2022	500ml green glass bottle	No	
481814	25643212		12/01/2022	500ml green glass bottle	No	

Report No.: 22-17357-2

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2204159	Issue Date	: 08-Feb-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220113-52	Page	: 1 of 24
Order number	: ----	Date Samples Received	: 18-Jan-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 20-Jan-2022 - 08-Feb-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Samples PR2204159/026-028, 030 method W-PESLMS02 - LOR for samples raised due to matrix interference and low internal standards recoveries.

Sample(s) PR2204159/031-035 method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

W-RAD-ARTE: LOR increased due to the difference between sampling date and measurement.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 14.1.2022.

The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25643906 MIN-02B		25644257 MIN-02B		25643932 MIN-02B	
				Laboratory sample ID		PR2204159001		PR2204159006		PR2204159011	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644410 MIN-02B		25643899 MIN-02B	
				Laboratory sample ID		PR2204159016		PR2204159021		PR2204159026	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.49	± 16.4%	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.010	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		



Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644410 MIN-02B		25643899 MIN-02B	
				Laboratory sample ID		PR2204159016		PR2204159021		PR2204159026	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.040	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644410 MIN-02B		25643899 MIN-02B	
				Laboratory sample ID		PR2204159016		PR2204159021		PR2204159026	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.096	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644410 MIN-02B		25643899 MIN-02B	
				Laboratory sample ID		PR2204159016		PR2204159021		PR2204159026	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644410 MIN-02B		25643899 MIN-02B	
				Laboratory sample ID		PR2204159016		PR2204159021		PR2204159026	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	0.011	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25643896 MIN-02B		25643845 MIN-02B		25644258 MIN-02B	
				Laboratory sample ID		PR2204159031		PR2204159036		PR2204159041	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.064	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25643896 MIN-02B		25643845 MIN-02B		25644258 MIN-02B	
				Laboratory sample ID		PR2204159031		PR2204159036		PR2204159041	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.060	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.126	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25643896 MIN-02B		25643845 MIN-02B		25644258 MIN-02B	
				Laboratory sample ID		PR2204159031		PR2204159036		PR2204159041	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflururon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644407 MIN-02B		----	
				Laboratory sample ID		PR2204159046		PR2204159051		----	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.22	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.22	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25644410 MIN-02B		25644407 MIN-02B		----	
				Laboratory sample ID		PR2204159046		PR2204159051		----	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643816 MIN-02C		25643465 MIN-03		25643695 MIN-04	
				Laboratory sample ID		PR2204159002		PR2204159003		PR2204159004	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643097 MIN-05		25643729 MIN-02C		25643086 MIN-03	
				Laboratory sample ID		PR2204159005		PR2204159007		PR2204159008	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643078 MIN-04		25643073 MIN-05		25643840 MIN-02C	
				Laboratory sample ID		PR2204159009		PR2204159010		PR2204159012	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643437 MIN-03		25643685 MIN-04		25643220 MIN-05	
				Laboratory sample ID		PR2204159013		PR2204159014		PR2204159015	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25644358 MIN-02C		25646853 MIN-03		25644444 MIN-04	
				Laboratory sample ID		PR2204159017		PR2204159018		PR2204159019	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	<0.05	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25644453 MIN-05		25644358 MIN-02C		25646853 MIN-03	
				Laboratory sample ID		PR2204159020		PR2204159022		PR2204159023	



Sub-Matrix: SURFACE WATER				Client sample ID		25644453 MIN-05		25644358 MIN-02C		25646853 MIN-03	
				Laboratory sample ID		PR2204159020		PR2204159022		PR2204159023	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.49	± 16.5%	0.44	± 16.8%	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		25644444 MIN-04		25644453 MIN-05		25643811 MIN-02C	
				Laboratory sample ID		PR2204159024		PR2204159025		PR2204159027	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.34	± 17.9%	0.29	± 18.8%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetamidiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acionifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.014	± 30.0%	----	---
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		25644444 MIN-04		25644453 MIN-05		25643811 MIN-02C	
Laboratory sample ID				PR2204159024		PR2204159025		PR2204159027			
Client sampling date / time				14-Jan-2022		14-Jan-2022		14-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxyuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.012	----	± 30.0%	
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25644444 MIN-04		25644453 MIN-05		25643811 MIN-02C	
				Laboratory sample ID		PR2204159024		PR2204159025		PR2204159027	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.055	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25644444 MIN-04		25644453 MIN-05		25643811 MIN-02C	
Laboratory sample ID				PR2204159024		PR2204159025		PR2204159027			
Client sampling date / time				14-Jan-2022		14-Jan-2022		14-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	0.142	----	± 30.0%	
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25644444 MIN-04		25644453 MIN-05		25643811 MIN-02C	
				Laboratory sample ID		PR2204159024		PR2204159025		PR2204159027	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	0.038	± 30.0%		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbutylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25643458 MIN-03		25643693 MIN-04		25643095 MIN-05	
				Laboratory sample ID		PR2204159028		PR2204159029		PR2204159030	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	<0.030	----		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	----	<0.050	----	<0.050	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	<0.020	----		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25643458 MIN-03		25643693 MIN-04		25643095 MIN-05	
				Laboratory sample ID		PR2204159028		PR2204159029		PR2204159030	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.013	± 30.0%	0.010	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difloxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643458 MIN-03		25643693 MIN-04		25643095 MIN-05	
Laboratory sample ID				PR2204159028		PR2204159029		PR2204159030			
Client sampling date / time				14-Jan-2022		14-Jan-2022		14-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.020	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.046	± 30.0%	0.043	± 30.0%	<0.030	---		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643458 MIN-03		25643693 MIN-04		25643095 MIN-05	
Laboratory sample ID				PR2204159028		PR2204159029		PR2204159030			
Client sampling date / time				14-Jan-2022		14-Jan-2022		14-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pacllobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643458 MIN-03		25643693 MIN-04		25643095 MIN-05	
Laboratory sample ID				PR2204159028		PR2204159029		PR2204159030			
Client sampling date / time				14-Jan-2022		14-Jan-2022		14-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	0.186	± 30.0%	0.134	± 30.0%	0.045	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643808 MIN-02C		25643452 MIN-03		25643692 MIN-04	
				Laboratory sample ID		PR2204159032		PR2204159033		PR2204159034	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	<2.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	0.012	± 30.0%	0.012	± 30.0%	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	<0.060	---	<0.030	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPB (isomers)	W-PESLMS04	0.010	µg/L	0.070	± 30.0%	0.069	± 30.0%	0.044	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.040	---	<0.040	---	<0.040	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643094 MIN-05		25643757 MIN-02C		25643543 MIN-03	
				Laboratory sample ID		PR2204159035		PR2204159037		PR2204159038	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	----	---	----	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643094 MIN-05		25643757 MIN-02C		25643543 MIN-03	
				Laboratory sample ID		PR2204159035		PR2204159037		PR2204159038	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Buprofezin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clofentezine	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	----	----	----	----	----		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Desmedipham	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	----	----	----	----	----		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	----	----	----	----	----		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	----	----	----	----	----		
Etoxazole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Famoxadone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Famphur	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Flufenacet	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	0.073	± 30.0%		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fluopyram	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	----	----	----	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Haloxypol-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	----	0.077	± 30.0%	0.064	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.032	± 30.0%	----	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.040	----	----	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	<0.050	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25643094 MIN-05		25643757 MIN-02C		25643543 MIN-03	
				Laboratory sample ID		PR2204159035		PR2204159037		PR2204159038	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25643232 MIN-04		25643109 MIN-05		25643733 MIN-02C	
				Laboratory sample ID		PR2204159039		PR2204159040		PR2204159042	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	0.590	± 20.1%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	---	----	---	<0.50	---		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25643232 MIN-04		25643109 MIN-05		25643733 MIN-02C	
				Laboratory sample ID		PR2204159039		PR2204159040		PR2204159042	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Flufenacet ESA	W-PESLMS07	0.050	µg/L	0.310	± 30.0%	0.272	± 30.0%	----	----	----	----
Flufenacet OA	W-PESLMS07	0.050	µg/L	0.074	± 30.0%	0.054	± 30.0%	----	----	----	----
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Imidacloprid	W-PESLMS07	0.050	µg/L	0.056	± 30.0%	<0.050	---	----	----	----	----
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	----	----	----	----
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	----	----	----	----

Sub-Matrix: SURFACE WATER				Client sample ID		25643089 MIN-03		25643079 MIN-04		25643074 MIN-05	
				Laboratory sample ID		PR2204159043		PR2204159044		PR2204159045	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU



Sub-Matrix: SURFACE WATER				Client sample ID		25643089 MIN-03		25643079 MIN-04		25643074 MIN-05	
				Laboratory sample ID		PR2204159043		PR2204159044		PR2204159045	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.320	± 25.0%	0.150	± 30.0%	0.110	± 40.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25644358 MIN-02C		25646853 MIN-03		25644444 MIN-04	
				Laboratory sample ID		PR2204159047		PR2204159048		PR2204159049	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25644453 MIN-05		25644357 MIN-02C		25646851 MIN-03	
				Laboratory sample ID		PR2204159050		PR2204159052		PR2204159053	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		14-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	<5.0	---	<5.0	---
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---	----	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---	----	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---	----	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---	----	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---	----	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		25644443 MIN-04		25644452 MIN-05		----	
				Laboratory sample ID		PR2204159054		PR2204159055		----	
				Client sampling date / time		14-Jan-2022		14-Jan-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	----	---	----	---

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time



component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	220113-52	Client Reference:	60663957	Report Number:	632841
Location:	Minworth	Order Number:	60663	Superseded Report:	631251

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [REDACTED]

CERTIFICATE OF ANALYSIS

Date of report Generation: 09 February 2022
Customer: Aecom
Sample Delivery Group (SDG): 220114-51
Your Reference: 60663957
Location: Minworth
Report No: 632834
Order Number: 60663

This report has been revised and directly supersedes 631913 in its entirety.

We received 2 samples on Friday January 14, 2022 and 2 of these samples were scheduled for analysis which was completed on Wednesday February 09, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

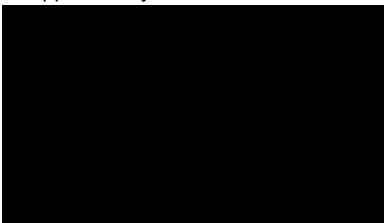
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25642317	MIN01			13/01/2022
25642318	MIN02A			13/01/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: yellow; margin-right: 5px;"></div> X Test </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px; background-color: red; color: white; margin-right: 5px;"></div> N No Determination Possible </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	25642317	25642318		
	Customer Sample Reference	MIN01	MIN02A		
	AGS Reference				
	Depth (m)				
	Container				
	Sample Type		SW	SW	
Gross Alpha Activity*	All	NDPs: 0 Tests: 2	X	X	
Gross beta activity	All	NDPs: 0 Tests: 2	X	X	
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 2	X	X	
Tritium by Scintillation	All	NDPs: 0 Tests: 2	X	X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend	Lab Sample No(s)		25642317														25642318						
	Customer Sample Reference		MIN01														MIN02A						
AGS Reference																							
Depth (m)																							
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 2	X										X										
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 2	X										X										
Alkalinity as CaCO3	All	NDPs: 0 Tests: 2				X											X						
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 2						X										X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 2				X											X						
Anions by Kone (w)	All	NDPs: 0 Tests: 2				X											X						
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 2				X											X						
Bromate by IC*	All	NDPs: 0 Tests: 2				X											X						
Chlormequat*	All	NDPs: 0 Tests: 2	X										X										
Chlorophyll-a Cold	All	NDPs: 0 Tests: 2					X											X					
Clostridium Perfringens*	All	NDPs: 2 Tests: 0						N											N				
Colour Test	All	NDPs: 0 Tests: 2				X											X						
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 2				X											X						
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 2					X											X					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 2										X											X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51

Report Number: 632834

Superseded Report: 631913

Client Ref.: 60663957

Location: Minworth

Results Legend <input checked="" type="checkbox"/> Test <input checked="" type="checkbox"/> No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)																						
	Customer Sample Reference																						
	AGS Reference																						
Depth (m)																							
Container			0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type			SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 2		X											X								
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 2							X												X		
Epichlorohydrin*	All	NDPs: 0 Tests: 2	X											X									
Escherichia Coli*	All	NDPs: 0 Tests: 2					X										X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 2					X										X						
Fluoride	All	NDPs: 0 Tests: 2			X												X						
Glyphosate and AMPA	All	NDPs: 0 Tests: 2			X												X						
Mercury Dissolved	All	NDPs: 0 Tests: 2							X												X		
Metaldehyde	All	NDPs: 0 Tests: 2	X												X								
Nitrite by Kone (w)	All	NDPs: 0 Tests: 2								X													X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 2			X										X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 2	X												X								
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 2	X												X								
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 2	X												X								
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 2	X												X								



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
25642317	MIN01			NaOH (ALE245) HNO3 Unfiltered (ALE204) HNO3 Filtered (ALE204) H2SO4 (ALE244) 500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber GI. PTFE/PE (ALE219) 1plastic (ALE221) 0.5l glass bottle (ALE227) Vial (ALE297) NaOH (ALE245) HNO3 Unfiltered (ALE204) HNO3 Filtered (ALE204) H2SO4 (ALE244)	SW SW SW SW SW SW SW SW SW SW SW SW
25642318	MIN02A				SW

Parameter	All	NDPs: 0 Tests: 2	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)																									
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 2	X										X																																	
pH Value	All	NDPs: 0 Tests: 2			X											X																														
Phosphate by Kone (w)	All	NDPs: 0 Tests: 2			X											X																														
TOC (Filtered)*	All	NDPs: 0 Tests: 2	X										X																																	
Total Coliforms(W)*	All	NDPs: 0 Tests: 2				X										X																														
Total Metals by ICP-MS	All	NDPs: 0 Tests: 2								X													X																							
Total Organic Carbon*	All	NDPs: 0 Tests: 2	X										X																																	
Turbidity in waters	All	NDPs: 0 Tests: 2			X											X																														
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 2				X										X																														
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 2				X										X																														
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 2				X										X																														
VOC MS (W)	All	NDPs: 0 Tests: 2										X																																		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend		Customer Sample Ref.	MIN01	MIN02A			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Component	LOD/Units	Method					
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Bromate*	<5 µg/l	SUB	<5	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7	<7			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.971	<0.98			
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0			
Dissolved Organic Carbon, as C*	<0.7 mg/l	SUB	4.8	6.2			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.25	0.49			
Total Organic Carbon, as C*	<0.7 mg/l	SUB	5.1	7.4			
Tritium*	<5 Bq/l	SUB	<5	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	30000	21100			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	572	845			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	1100	2200			
2,4,5-T*	<0.01 µg/l	SUB	<0.01	<0.01			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05			
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.971	<0.98			
Pb-210*	<10 Bq/l	SUB	<10	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100			
I-131*	<0.05 Bq/l	SUB	<0.05	0.056			
K-40*	<2 Bq/l	SUB	<2	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	0.011	<0.01			
Acetamiprid*	<0.01 µg/l	SUB	<0.01	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pa-231*	<1 Bq/l	SUB	<1	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02			
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01			
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01			
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.1	<0.1			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01			
Benazolin*	<0.05 µg/l	SUB	<0.05	<0.05			
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-230*	<10 Bq/l	SUB	<10	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend		Customer Sample Ref.	MIN01	MIN02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05			
Th-234*	<2 Bq/l	SUB	<2	<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.03	<0.03			
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.03	<0.03			
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	0.01			
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02			
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.02			
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.04			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.02	<0.02			
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.017	0.017			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02			
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	0.036	0.055			
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.02	<0.02			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.054			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.01	<0.01			
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.03	<0.03			
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05			
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Thiazafurion*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref.	MIN01	MIN02A			
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)			
Clodinafop*	<0.03 µg/l	SUB	13/01/2022	13/01/2022			
Tritosulfuron*	<0.05 µg/l	SUB	14/01/2022	14/01/2022			
Clomazone*	<0.01 µg/l	SUB	220114-51	220114-51			
Zoxamide*	<0.05 µg/l	SUB	25642317	25642318			
Clomeprop*	<0.01 µg/l	SUB					
Flufenacet ESA*	<0.05 µg/l	SUB					
Clothianidin*	<0.05 µg/l	SUB					
Flufenacet*	<0.05 µg/l	SUB					
Coumaphos*	<0.02 µg/l	SUB					
Flufenacet OA*	<0.05 µg/l	SUB					
Crimidine*	<0.03 µg/l	SUB					
Iodosulfuron-methyl*	<0.05 µg/l	SUB					
Cyanazine*	<0.01 µg/l	SUB					
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB					
Cybutryne (Irgarol)*	<0.01 µg/l	SUB					
Propazine-2-hydroxy*	<0.05 µg/l	SUB					
Cymoxanil*	<0.05 µg/l	SUB					
Metolachlor NOA 413173*	<0.05 µg/l	SUB					
Cypazine*	<0.02 µg/l	SUB					
Dimetachlor CGA 369873*	<0.05 µg/l	SUB					
Cyproconazole*	<0.01 µg/l	SUB					
Flutriafol*	<0.05 µg/l	SUB					
Cyprodinil*	<0.02 µg/l	SUB					
Isoxaflutole*	<0.05 µg/l	SUB					
Cyromazine*	<0.05 µg/l	SUB					
Metolachlor CGA 368208*	<0.05 µg/l	SUB					
Trietazine*	<0.05 µg/l	SUB					
Desmetryn*	<0.01 µg/l	SUB					
Dimethenamid OA*	<0.05 µg/l	SUB					
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB					
Diazinon*	<0.02 µg/l	SUB					
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB					
Dichlofenthion*	<0.05 µg/l	SUB					



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend		Customer Sample Ref.	MIN01	MIN02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Difenoxyuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Diuron*	<0.01 µg/l	SUB	<0.01	<0.02			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01			
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01			
Fensulfothion*	<0.02 µg/l	SUB	<0.02	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.023	0.042			
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend		Customer Sample Ref.	MIN01	MIN02A			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05			
Metolaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05			
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02			
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03			
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03			
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01			
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05			
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01			
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05			
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02			
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02			
Prochloraz*	<0.02 µg/l	SUB	<0.02	0.025			
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05	<0.05			
Propiconazole*	<0.01 µg/l	SUB	0.022	<0.03			
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01			
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01			
Tebuconazole*	<0.01 µg/l	SUB	0.051	0.097			
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02			
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03			
Terbuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01			
Terbutryn*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03			
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01			
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01			
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03			
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A					
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022					
Tri-allate*	<0.05 µg/l	SUB							
Triasulfuron*	<0.02 µg/l	SUB							
Triazophos*	<0.02 µg/l	SUB							
Tribenuron-methyl*	<0.01 µg/l	SUB							
Tricyclazole*	<0.01 µg/l	SUB							
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB							
Triflusulfuron-methyl*	<0.01 µg/l	SUB							
Triforine*	<0.05 µg/l	SUB							
Triticonazole*	<0.01 µg/l	SUB							
Alkalinity, Total as CaCO3	<2 mg/l	TM043	194	162					
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.383	0.308	#	#			
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5					
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.8	0.761	#	#			
Salinity	<2	TM120	<2	<2					
Aluminium (diss.filt)	<10 µg/l	TM152	<10	10.1	#	#			
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	#	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.46	1.25	#	#			
Boron (diss.filt)	<10 µg/l	TM152	293	280	#	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	#	#			
Chromium (diss.filt)	<1 µg/l	TM152	1.83	1.9	#	#			
Copper (diss.filt)	<0.3 µg/l	TM152	3.66	3.33	#	#			
Lead (diss.filt)	<0.2 µg/l	TM152	<0.2	0.22	#	#			
Manganese (diss.filt)	<3 µg/l	TM152	78.5	85.3	#	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	149	309	#	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	12.7	14.2	#	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	#	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	58.9	63.2	#	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0523	0.0622	#	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	308	252					
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01					
Nitrite as NO2	<0.05 mg/l	TM184	0.236	0.492	#	#			
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.207	0.247	#	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Sulphate	<2 mg/l	TM184	111 #	101 #			
Chloride	<2 mg/l	TM184	92.8 #	94 #			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0675 #	0.0806 #			
Nitrate as NO3	<0.3 mg/l	TM184	31.8	49.9			
Turbidity	<0.1 ntu	TM195	2.26 ◆ #	6.08 ◆ #			
Bromide	<0.06 mg/l	TM226	0.248 #	0.276 #			
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05			
pH	<1 pH Units	TM256	7.94 #	7.89 #			
Apparent Colour	<1 mg/l Pt/Co	TM261	24.4	23.9			
True Colour	<1 mg/l Pt/Co	TM261	11.6	21.6			
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01			
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01			
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01			
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01			
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01			
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01			
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01			
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01			
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endrin	<0.01 µg/l	TM343	<0.02	<0.02			
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01			
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01			
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02			
p,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02			
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
Endosulphan Sulphate	<0.02 µg/l	TM343	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01			
Dichlobenil	<0.01 µg/l	TM344	0.0645	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01			
Triallate	<0.01 µg/l	TM344	0.0148	<0.01			
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01			
Simazine	<0.01 µg/l	TM344	<0.01	<0.01			
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01	0.0856			
Parathion	<0.01 µg/l	TM344	<0.01	<0.01			
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01			
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN01	MIN02A			
Component	LOD/Units	Method					
cis-Chlordane	<0.01 µg/l	TM344	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Ethion	<0.01 µg/l	TM344	<0.01	<0.01			
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01			
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01			
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01			
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02			
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02			
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01			
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01			
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01			
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01			
Omethoate	<0.01 µg/l	TM345	<0.02	<0.02			
Propazine	<0.01 µg/l	TM345	<0.01	<0.01			
Propyzamide	<0.01 µg/l	TM345	0.0524	0.0693			
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01			
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01			
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01			
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01			
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01			
Eirimphos	<0.01 µg/l	TM345	<0.01	<0.01			
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01			
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01			
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01			
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01			
Phosphamidon I	<0.01 µg/l	TM345	<0.02	<0.02			
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01			
Glyphosate	<0.1 µg/l	TM413	<0.1	0.211			
AMPA	<0.1 µg/l	TM413	0.469	0.763			
Metalddehyde	<10 ng/l	TM416	<10	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

PAH Spec MS - Aqueous (W)

Table with columns: Component, LOD/Units, Method, MIN01, MIN02A. Rows include Naphthalene, Acenaphthene, Fluoranthene, etc., up to PAH, Total Detected USEPA 16 (aq).



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN01	MIN02A			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filter Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022			
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	111	112			
Toluene-d8**	%	TM208	99.6	98.6			
4-Bromofluorobenzene**	%	TM208	99.3	99.5			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloromethane	<1 µg/l	TM208	<1	<1	#	#	
Vinyl chloride	<1 µg/l	TM208	<1	<1	#	#	
Bromomethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroethane	<1 µg/l	TM208	<1	<1	#	#	
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
Carbon disulphide	<1 µg/l	TM208	<1	<1	#	#	
Dichloromethane	<3 µg/l	TM208	<3	<3	#	#	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	#	#	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	#	#	
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1			
Bromochloromethane	<1 µg/l	TM208	<1	<1	#	#	
Chloroform	<1 µg/l	TM208	<1	<1	#	#	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Carbontetrachloride	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	#	#	
Benzene	<1 µg/l	TM208	<1	<1	#	#	
Trichloroethene	<1 µg/l	TM208	<1	<1	#	#	
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	
Dibromomethane	<1 µg/l	TM208	<1	<1	#	#	
Bromodichloromethane	<1 µg/l	TM208	<1	<1	#	#	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
Toluene	<1 µg/l	TM208	<1	<1	#	#	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	#	#	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	#	#	
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	#	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN01	MIN02A				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 13/01/2022	Surface Water (SW) 13/01/2022				
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	#	#			
Dibromochloromethane	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	<1	#	#			
Chlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
Ethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
m,p-Xylene	<1 µg/l	TM208	<1	<1	#	#			
o-Xylene	<1 µg/l	TM208	<1	<1	#	#			
Styrene	<1 µg/l	TM208	<1	<1	#	#			
Bromofom	<1 µg/l	TM208	<1	<1	#	#			
Isopropylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	<1	#	#			
Bromobenzene	<1 µg/l	TM208	<1	<1	#	#			
Propylbenzene	<1 µg/l	TM208	<1	<1	#	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	<1	#	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	<1	#	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	<1	#	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
n-Butylbenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	<1	#	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	<1	#	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	<1	#	#			
Naphthalene	<1 µg/l	TM208	<1	<1	#	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	<1	#	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Notification of NDPs (No determination possible)

Date Received : 14/01/2022 06:06:17

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
25642317	MIN01		Clostridium Perfringens*	See Comments for cancellation details
25642318	MIN02A		Clostridium Perfringens*	See Comments for cancellation details



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220114-51
Client Ref.: 60663957

Report Number: 632834
Location: Minworth

Superseded Report: 631913

Test Completion Dates

Lab Sample No(s)	25642317	25642318
Customer Sample Ref.	MIN01	MIN02A
AGS Ref.		
Depth		
Type	Surface Water	Surface Water

Acid Herbicides by LCMS*	09-Feb-2022	09-Feb-2022
Acrylamide by LCMS (W)*	09-Feb-2022	09-Feb-2022
Alkalinity as CaCO3	18-Jan-2022	18-Jan-2022
Ammoniacal Nitrogen	18-Jan-2022	18-Jan-2022
Anions by ion Chromatography	19-Jan-2022	19-Jan-2022
Anions by Kone (w)	20-Jan-2022	20-Jan-2022
Artificial radionuclide by HR gamma	09-Feb-2022	09-Feb-2022
Bromate by IC*	09-Feb-2022	09-Feb-2022
Chlormequat*	02-Feb-2022	02-Feb-2022
Chlorophyll-a Cold	25-Jan-2022	25-Jan-2022
Colour Test	18-Jan-2022	18-Jan-2022
Conductivity (at 20 deg.C)	19-Jan-2022	19-Jan-2022
Cryptosporidium & Giardia*	25-Jan-2022	25-Jan-2022
Cyanide Comp/Free/Total/Thiocyanate	19-Jan-2022	19-Jan-2022
Cyanobacteria (Blue Green algae)*	25-Jan-2022	25-Jan-2022
Dissolved Metals by ICP-MS	18-Jan-2022	18-Jan-2022
Epichlorohydrin*	09-Feb-2022	09-Feb-2022
Escherichia Coli*	26-Jan-2022	26-Jan-2022
Faecal Streptococci (W)*	26-Jan-2022	26-Jan-2022
Fluoride	18-Jan-2022	18-Jan-2022
Glyphosate and AMPA	20-Jan-2022	20-Jan-2022
Gross Alpha Activity*	09-Feb-2022	09-Feb-2022
Gross beta activity	09-Feb-2022	09-Feb-2022
Mercury Dissolved	18-Jan-2022	18-Jan-2022
Metaldehyde	19-Jan-2022	19-Jan-2022
Natural radionuclide by HR gamma	09-Feb-2022	09-Feb-2022
Nitrite by Kone (w)	17-Jan-2022	17-Jan-2022
PAH Spec MS - Aqueous (W)	20-Jan-2022	20-Jan-2022
Pesticides (Suite I) by GCMS	19-Jan-2022	19-Jan-2022
Pesticides (Suite II) by GCMS	19-Jan-2022	19-Jan-2022
Pesticides (Suite III) by GCMS	18-Jan-2022	18-Jan-2022
Pesticides by GCMS (W-PESLMS02LL)*	09-Feb-2022	09-Feb-2022
Pesticides by GCMS (W-PESLMS07)*	09-Feb-2022	09-Feb-2022
pH Value	18-Jan-2022	17-Jan-2022
Phosphate by Kone (w)	17-Jan-2022	17-Jan-2022
TOC (Filtered)*	20-Jan-2022	20-Jan-2022
Total Coliforms(W)*	26-Jan-2022	26-Jan-2022
Total Metals by ICP-MS	18-Jan-2022	18-Jan-2022
Total Organic Carbon*	20-Jan-2022	20-Jan-2022
Tritium by Scintillation	09-Feb-2022	09-Feb-2022
Turbidity in waters	17-Jan-2022	17-Jan-2022
TVC 22C 3 day (W)*	26-Jan-2022	26-Jan-2022
TVC 37C 1 day (W)*	26-Jan-2022	26-Jan-2022
TVC 37C 2 day (W)*	26-Jan-2022	26-Jan-2022
VOC MS (W)	17-Jan-2022	17-Jan-2022



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Ms SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire CH5 3US

20 January 2022

Test Report: COV/2258685/2022

Dear Ms SubCon Results

Analysis of your sample(s) received on 18 January 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

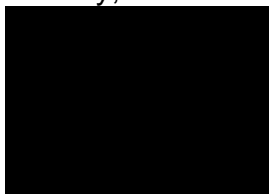
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Organics Chemistry Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

**Ms Hawarden SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire
CH5 3US**



Individuals' names and
signatures redacted

Date of Issue: **20 January 2022**

Report Number: **COV/2258685/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: ALS 999 - Emergency Projects

Job Location: 220114-51

Number of Samples
included in this report **4**

Job Received: **18 January 2022**

Number of Test Results
included in this report **4**

Analysis Commenced: **19 January 2022**

Signed:

Name: [Redacted]

Date: **20 January 2022**

Title: **Organics Chemistry Manager**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 8

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2258685/2022**
Laboratory Number: **21248505**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25653316**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022**
Sample Received: **18 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **1** of **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	4.8	mg/l	19/01/2022	N Cov	WAS005

Analyst Comments for 21248505: No Analyst Comment

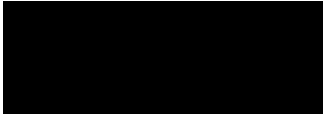

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **20 January 2022**
Title: **Organics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 2 of 8

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2258685/2022**
Laboratory Number: **21248506**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25653318**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022**
Sample Received: **18 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **2** of **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	5.1	mg/l	19/01/2022	N Cov	WAS005

Analyst Comments for 21248506: No Analyst Comment

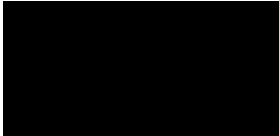

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **20 January 2022**
Title: **Organics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 3 of 8

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2258685/2022**
Laboratory Number: **21248507**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25653217**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022**
Sample Received: **18 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **3** of **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC (Filtered)	6.2	mg/l	19/01/2022	N Cov	WAS005

Analyst Comments for 21248507: No Analyst Comment

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:	Date: 20 January 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 4 of 8

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2258685/2022**
Laboratory Number: **21248508**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **25653218**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022**
Sample Received: **18 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **4** of **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TOC as C	7.4	mg/l	19/01/2022	N Cov	WAS005

Analyst Comments for 21248508: No Analyst Comment

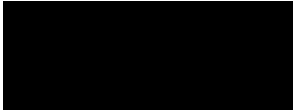

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **20 January 2022**
Title: **Organics Chemistry Manager**

Individuals' names and signatures redacted

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 5 of 8

Individuals' names and
signatures redacted



ANALYST COMMENTS FOR REPORT COV/2258685/2022

Issue 1

This issue replaces
all previous issues

Date of Issue: **20 January 2022**

Sample No	Analysis Comments
21248505	
21248506	
21248507	
21248508	

Signed:



Name: [Redacted]

Date: **20 January 2022**

Title: **Organics Chemistry Manager**

Individuals' names and signatures redacted



DETERMINAND COMMENTS FOR REPORT COV/2258685/2022

ISSUE 1

Date of Issue: 20 January 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments

Signed:		Name:	Date: 20 January 2022
		Title: Organics Chemistry Manager	

Page Intentionally Left Blank

Individuals' names and signatures redacted



ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Ms SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire CH5 3US

24 January 2022

Test Report: COV/2256999/2022

Dear Ms SubCon Results

Analysis of your sample(s) received on 13 January 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

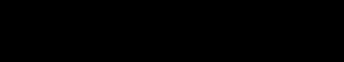
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Crypto Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

Ms Hawarden SubCon Results
ALS Life Sciences Limited
ALS Hawarden
Unit 7-8 Hawarden Business Park
Manor Road
Flintshire
CH5 3US



Individuals' names and signatures redacted

Date of Issue: **24 January 2022**

Report Number: **COV/2256999/2022**

Issue **1**

This issue replaces all previous issues

Job Description: ALS 999 - Emergency Projects

Number of Samples included in this report **2**

Job Received: **13 January 2022**

Number of Test Results included in this report **26**

Analysis Commenced: **14 January 2022**

Signed:



Name:



Date: **24 January 2022**

Title:

Crypto Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 7

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256999/2022**
Laboratory Number: **21237381**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN - 02a**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022 09:10**
Sample Received: **13 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **1** of **2**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	14/01/2022	N Cov	W45
TVC 37 48H (10000xDIL)	2200	cfu/ml	16/01/2022	N Cov	W1
TVC 22 72H (10000xDIL)	21100	cfu/ml	18/01/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	15/01/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	15/01/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	15/01/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	15/01/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	15/01/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	16/01/2022	N Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	19/01/2022	N Cov	CRY M1,M2,M3
TVC 37C 1 day	845	cfu/ml	15/01/2022	N Cov	W1
Giardia Sample	<0.98039	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	N Cov	W44

Analyst Comments for 21237381:

Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis.

1 Giardia like body (8-14 microns)

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 2 of 7

Signed:



Name: [Redacted]

Date: 24 January 2022

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2256999/2022**
Laboratory Number: **21237382**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN - 01**
Sample Matrix: **Not In Project**
Sample Date/Time: **13 January 2022 10:45**
Sample Received: **13 January 2022**
Analysis Complete: **20 January 2022**

Issue **1**
Sample **2** of **2**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	14/01/2022	N Cov	W45
TVC 37 48H (10000xDIL)	1100	cfu/ml	16/01/2022	N Cov	W1
TVC 22 72H (10000xDIL)	30000	cfu/ml	18/01/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	15/01/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	15/01/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	15/01/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	15/01/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	15/01/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	16/01/2022	N Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	19/01/2022	N Cov	CRY M1,M2,M3
TVC 37C 1 day	572	cfu/ml	15/01/2022	N Cov	W1
Giardia Sample	<0.97087	cysts/10l	19/01/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	15/01/2022	N Cov	W44

Analyst Comments for 21237382:

Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus hirae.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: *J. Clarke*

Name: **J. Clarke**

Date: **24 January 2022**

Title: **Crypto Team Leader**

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 4 of 7

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2256999/2022

Issue 1

This issue replaces all previous issues

Date of Issue: **24 January 2022**

Sample No **Analysis Comments**

21237381 Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis.

1 Giardia like body (8-14 microns)

21237382 Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus hirae.

Signed:



Name:

Date: **24 January 2022**

Title: **Crypto Team Leader**

Individuals' names and signatures redacted



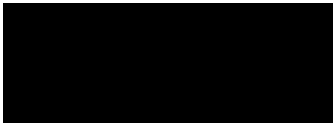

DETERMINAND COMMENTS FOR REPORT COV/2256999/2022

ISSUE 1

Date of Issue: 24 January 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21237381	MIN - 02a	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21237381	MIN - 02a	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21237381	MIN - 02a	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species and Enterococcus faecalis.
21237381	MIN - 02a	TVC 37C 1 day	TVC Estimated.
21237382	MIN - 01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21237382	MIN - 01	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21237382	MIN - 01	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus hirae.
21237382	MIN - 01	TVC 37C 1 day	TVC Estimated.

Signed: 	Name: 	Date: 24 January 2022
	Title: Crypto Team Leader	

Page Intentionally Left Blank

Individuals' names and
signatures redacted



Interim Report

Report No.: 22-17391-2

Issue No.: 2

Date of Issue 02/02/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220114-122

Customer Reference: Not Supplied

Quotation Reference: 220113/02

Description: 4 water samples

Date Received: 18/01/2022

Date Started: 24/01/2022

Date Completed: 26/01/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: This report replaces issue 1 in its entirety

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

Results Summary

Report No.: 22-17391-2

Customer Reference: Not Supplied

Customer Order No: 220114-122

Customer Sample No	25651907	25651897	25651871	25651887
Customer Sample ID	Downstream	Outfall	Upstream	Upstream of mill
RPS Sample No	481935	481936	481937	481938
Sample Type	WATER	WATER	WATER	WATER
Sampling Date	12/01/2022	12/01/2022	12/01/2022	12/01/2022

Determinand	CAS No	Codes	SOP	Units	RL				
chlortoluron	15545-48-9	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
chloroxuron	1982-47-4	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
diflubenzuron	35367-38-5	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
diuron	330-54-1	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
dimefuron	34205-21-5	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
isoproturon	34123-59-6	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
linuron	330-55-2	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
methabenzthiazuron	18691-97-9	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
monolinuron	1746-81-2	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
monuron	150-68-5	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
metoxuron	19937-59-8	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
pencycuron	66063-05-6	N	in house	ug/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05

Comments**Report No.: 22-17391-2**

Customer Reference: Not Supplied

Customer Order No: 220114-122

Job	Description	Job Comments
22-17391	4 water samples	Issue 2: Client sample reference amended.

Deviating Samples

Report No.: 22-17391-2

Customer Reference: Not Supplied

Customer Order No: 220114-122

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
481935	25651907		12/01/2022	500ml amber glass bottle	No	
481936	25651897		12/01/2022	500ml amber glass bottle	No	
481937	25651871		12/01/2022	500ml amber glass bottle	No	
481938	25651887		12/01/2022	500ml amber glass bottle	No	

Report No.: 22-17391-2

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2204621	Issue Date	: 09-Feb-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220114-51	Page	: 1 of 11
Order number	: ----	Date Samples Received	: 19-Jan-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 20-Jan-2022 - 09-Feb-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample PR2204621/012 method W-PESLMS02 - LOR for sample raised due to matrix interference and low internal standards recoveries.

Sample(s) PR2204621/013-014 method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

The reference date for activity concentrations of radionuclides is 15.1.2022

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

[Redacted Signature]

Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		25653387 MIN01		25653165 MIN02A		25653257 MIN01	
				Laboratory sample ID		PR2204621001		PR2204621002		PR2204621003	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	---	<5.0	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25653298 MIN02A		25653425 MIN01		25653259 MIN02A	
				Laboratory sample ID		PR2204621004		PR2204621005		PR2204621006	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	----	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25654432 MIN01		25654446 MIN02A		25654432 MIN01	
				Laboratory sample ID		PR2204621007		PR2204621008		PR2204621009	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	----	---	0.25	± 20.1%		

Sub-Matrix: SURFACE WATER				Client sample ID		25654446 MIN02A		25653385 MIN01		25653162 MIN02A	
				Laboratory sample ID		PR2204621010		PR2204621011		PR2204621012	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.49	± 16.4%	----	---	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	0.010	± 30.0%		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.020	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25654446 MIN02A		25653385 MIN01		25653162 MIN02A	
Laboratory sample ID				PR2204621010		PR2204621011		PR2204621012			
Client sampling date / time				15-Jan-2022		15-Jan-2022		15-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	0.017	± 30.0%	0.017	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25654446 MIN02A		25653385 MIN01		25653162 MIN02A	
Laboratory sample ID				PR2204621010		PR2204621011		PR2204621012			
Client sampling date / time				15-Jan-2022		15-Jan-2022		15-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.020	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.020	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	0.023	± 30.0%	0.042	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		



Sub-Matrix: SURFACE WATER				Client sample ID		25654446 MIN02A		25653385 MIN01		25653162 MIN02A	
Laboratory sample ID				PR2204621010		PR2204621011		PR2204621012			
Client sampling date / time				15-Jan-2022		15-Jan-2022		15-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	0.025	± 30.0%		
Prodiamine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25654446 MIN02A		25653385 MIN01		25653162 MIN02A	
Laboratory sample ID				PR2204621010		PR2204621011		PR2204621012			
Client sampling date / time				15-Jan-2022		15-Jan-2022		15-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Propanil	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	----	---	0.022	± 30.0%	<0.030	---		
Propoxur	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	----	---	0.055	± 30.0%	0.078	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	---	0.051	± 30.0%	0.097	± 30.0%		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID			25653383		25653159		25653315	
				Laboratory sample ID			MIN01		MIN02A		MIN01	
				Client sampling date / time			PR2204621013		PR2204621014		PR2204621015	
				15-Jan-2022			15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Pesticides												
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	---	---	---	---	
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
2.4-D	W-PESLMS04	0.010	µg/L	0.011	± 30.0%	<0.010	---	---	---	---	---	
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	---	---	---	---	
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
Amidithion	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.100	---	<0.100	---	---	---	---	---	
Anilazine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Azaconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	---	---	---	---	
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	---	---	---	---	
Buprofezin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Clofentezine	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	---	---	---	---	
Cyflufenamid	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Desmedipham	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dicamba	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	---	---	---	---	
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	---	---	---	---	
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dimethenamid OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dimoxystrobin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	---	---	---	---	
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	---	---	---	---	
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	---	---	---	---	
Etoxazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Famoxadone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Famphur	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fenothiocarb	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fludioxonil	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Flufenacet	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Flufenacet ESA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Flufenacet OA	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fluopyram	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fluquinconazole	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	---	---	---	---	
Flutriafol	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Fosthiazate	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Furalaxyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Imidacloprid	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	---	---	---	---	<0.050	---	---	---	



Sub-Matrix: SURFACE WATER				Client sample ID		25653383 MIN01		25653159 MIN02A		25653315 MIN01	
				Laboratory sample ID		PR2204621013		PR2204621014		PR2204621015	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	----	<0.010	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	----	<0.020	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.036	± 30.0%	0.055	± 30.0%	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.020	----	<0.020	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pyridaben	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalphos	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Sedaxane	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	----	<0.030	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	----	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		25653216 MIN02A		25653258 MIN01		25653299 MIN02A	
				Laboratory sample ID		PR2204621016		PR2204621017		PR2204621018	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	0.056	± 26.8%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	<0.50	----		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		25653216 MIN02A		25653258 MIN01		25653299 MIN02A	
Laboratory sample ID				PR2204621016		PR2204621017		PR2204621018			
Client sampling date / time				15-Jan-2022		15-Jan-2022		15-Jan-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.054	± 30.0%	----	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25653216 MIN02A		25653258 MIN01		25653299 MIN02A	
				Laboratory sample ID		PR2204621016		PR2204621017		PR2204621018	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25654432 MIN01		25654446 MIN02A		25654430 MIN01	
				Laboratory sample ID		PR2204621019		PR2204621020		PR2204621021	
				Client sampling date / time		15-Jan-2022		15-Jan-2022		15-Jan-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	----	---	<5.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	----	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25654445 MIN02A		----		----	
				Laboratory sample ID		PR2204621022		----		----	
				Client sampling date / time		15-Jan-2022		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	----	---	----	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis



Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612; CSN EN ISO 9697, Recommendation of SUJB "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite by calculation from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG:	220114-51	Client Reference:	60663957	Report Number:	632834
Location:	Minworth	Order Number:	60663	Superseded Report:	631913

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Attention: [Redacted]

Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Date of report Generation: 09 March 2022
Customer: Aecom
Sample Delivery Group (SDG): 220209-112
Your Reference: 60663957
Location: Minworth
Report No: 636697
Order Number: 60663

This report has been revised and directly supersedes 634295 in its entirety.

We received 7 samples on Wednesday February 09, 2022 and 7 of these samples were scheduled for analysis which was completed on Wednesday March 09, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

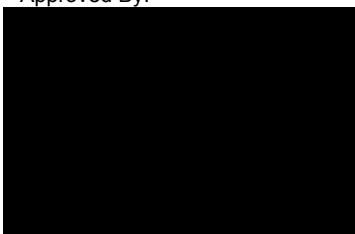
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25789965	Min - 01			08/02/2022
25789973	Min - 03			08/02/2022
25789969	Min - 04			08/02/2022
25789966	Min - 05			08/02/2022
25789967	Min - 02a			08/02/2022
25789972	Min - 02b			08/02/2022
25789971	Min - 02c			08/02/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	25789965	25789973	25789969	25789966	25789967	25789972	25789971
Customer Sample Reference	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b	Min - 02c
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	SW	SW	SW	SW	TS	SW

Analyte	All	NDPs: 0 Tests: 7	25789965	25789973	25789969	25789966	25789967	25789972	25789971
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7			X				
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7			X				
Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Lab Sample No(s)	25789973																	
	Customer Sample Reference	Min - 01																	
AGS Reference	Min - 03																		
Depth (m)																			
Container	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X								X								
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X								X								
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X									X					
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7					X								X				
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X									X					
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X									X					
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7			X									X					
Bromate by IC*	All	NDPs: 0 Tests: 7			X									X					
Chlormequat*	All	NDPs: 0 Tests: 7	X								X								
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7				X								X					
Clostridium Perfringens*	All	NDPs: 0 Tests: 7		X										X					
Colour Test	All	NDPs: 0 Tests: 7			X									X					
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X									X					
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7				X								X					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7							X										X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Lab Sample No(s)		25789965														25789973							
	Customer Sample Reference		Min - 01														Min - 03							
AGS Reference																								
Depth (m)																								
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X											X										
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7							X												X			
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X										X											
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X										X											
Escherichia Coli*	All	NDPs: 0 Tests: 7		X														X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7		X														X						
Fluoride	All	NDPs: 0 Tests: 7				X											X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 7				X											X							
Mercury Dissolved	All	NDPs: 0 Tests: 7								X											X			
Metaldehyde	All	NDPs: 0 Tests: 7	X											X										
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7									X													X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7				X										X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X														X							
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X														X							
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X														X							

25789966	Min - 05			Vial (ALE297)	SW																			
				NaOH (ALE245)	SW																			
				HNO3 Unfiltered (ALE204)	SW																			
				HNO3 Filtered (ALE204)	SW		X																	
				H2SO4 (ALE244)	SW																			
				500ml Plastic (ALE208)	SW								X											
				330ml plastic bottle (ALE503)	SW								X											
				250ml Amber Gl. PTFE/PE (ALE219)	SW											X								
				1plastic (ALE221)	SW	X																		
				0.5l glass bottle (ALE227)	SW							X												
				Vial (ALE297)	SW								X											
				NaOH (ALE245)	SW																			X

25789973	Min - 03			Vial (ALE297)	SW																			
				0.5l glass bottle (ALE227)	SW																		X	
				1plastic (ALE221)	SW	X																		
				PTFE/PE (ALE219)	SW																			
				250ml Amber Gl. PTFE/PE (ALE219)	SW																			X
				330ml plastic bottle (ALE503)	SW																			X
				500ml Plastic (ALE208)	SW									X										
				H2SO4 (ALE244)	SW																			
				HNO3 Filtered (ALE204)	SW													X						
				HNO3 Unfiltered (ALE204)	SW																			X
				NaOH (ALE245)	SW																			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Lab Sample No(s)		25789972																		
	Customer Sample Reference		Min - 02a																		
AGS Reference																					
Depth (m)																					
Container		0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X									X									
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X									X									
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X									X							
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7					X									X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X									X							
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X									X							
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7			X									X							
Bromate by IC*	All	NDPs: 0 Tests: 7			X									X							
Chlormequat*	All	NDPs: 0 Tests: 7	X									X									
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7				X									X						
Clostridium Perfringens*	All	NDPs: 0 Tests: 7		X											X						
Colour Test	All	NDPs: 0 Tests: 7			X									X							
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X									X							
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7				X									X						
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7								X											X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: red; color: white; border: 1px solid black; margin-right: 5px;"></div> No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)																							
	Customer Sample Reference																							
	AGS Reference																							
	Depth (m)																							
	Container				0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. (ALE503)	330ml plastic bottle (ALE208)	500ml Plastic (ALE209)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
	Sample Type				SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7		X											X									
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7							X											X				
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7		X										X										
Epichlorohydrin*	All	NDPs: 0 Tests: 7		X										X										
Escherichia Coli*	All	NDPs: 0 Tests: 7			X													X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7			X													X						
Fluoride	All	NDPs: 0 Tests: 7				X											X							
Glyphosate and AMPA	All	NDPs: 0 Tests: 7				X											X							
Mercury Dissolved	All	NDPs: 0 Tests: 7								X										X				
Metaldehyde	All	NDPs: 0 Tests: 7		X											X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7										X											X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7				X										X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7		X											X									
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7		X											X									
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7		X											X									

25789972	Min - 02b			Via1 (ALE297)	SW																						
25789971	Min - 02c			Via1 (ALE297)	SW																						
				NaOH (ALE245)	SW																						
				HNO3 Unfiltered (ALE204)	SW																						
				HNO3 Filtered (ALE204)	SW																						
				H2SO4 (ALE244)	SW																						
				500ml Plastic (ALE208)	SW																						
				330ml plastic bottle (ALE503)	SW																						
				250ml Amber Gl. PTFE/PE (ALE219)	SW																						
				1plastic (ALE221)	SW																						
				0.5l glass bottle (ALE227)	SW																						
				Via1 (ALE297)	TS																						



CERTIFICATE OF ANALYSIS

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	25789972																			
	Customer Sample Reference	Min - 02a		Min - 02b																	
	AGS Reference																				
	Depth (m)																				
	Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X								X										
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X								X										
pH Value	All	NDPs: 0 Tests: 7			X									X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7			X									X							
Total Coliforms(W)*	All	NDPs: 0 Tests: 7	X												X						
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7								X										X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7								X										X	
Turbidity in waters	All	NDPs: 0 Tests: 7			X									X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7	X												X						
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7	X												X						
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7	X												X						
VOC MS (W)	All	NDPs: 0 Tests: 7									X										

25789971	Min - 02c	Vial (ALE297)	SW																		X		
		NaOH (ALE245)	SW																				
		HNO3 Unfiltered (ALE204)	SW							X													
		HNO3 Filtered (ALE204)	SW																				
		H2SO4 (ALE244)	SW								X												
		500ml Plastic (ALE208)	SW									X											
		330ml plastic bottle (ALE503)	SW																				
		250ml Amber Gl. PTFE/PE (ALE219)	SW									X											
		1plastic (ALE221)	SW																				
		0.5l glass bottle (ALE227)	SW																				
25789972	Min - 02b	Vial (ALE297)	TS																			X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.		Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	<150
Chlormequat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	98.3	8.74	10.1	7.91	10.7	<7	<7	<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.952	<1.05	<0.99	<1.03	<0.962	<0.952	<0.952	<0.952
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0	0	0	0	0
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.05	<0.05	<0.08	<0.12	<0.04	<0.04	<0.04	<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.34	0.38	0.29	0.24	0.44	0.56	0.56	0.56
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	793	910	>1000	>1000	>1000	>1000	767	767
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Giardia (B0X)*	<0 cysts/10L	SUB	<0.952	<1.05	<0.99	<1.03	<0.962	<0.952	<0.952	<0.952
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.075	0.15	0.12	0.075	0.1	<0.05	<0.05
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetamidipid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.2
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.03	<0.06	<0.03	<0.03	<0.03	<0.03	<0.27
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<1	<1.6	<1	<0.8	<1.6	<0.8	<0.8
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	0.02	0.012	0.011	<0.01	0.011	0.013	
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
4-(4-Chloro-o-toloxly) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MCPP (isomers)*	<0.01 µg/l	SUB	0.021	0.04	0.021	0.025	0.049	0.015	
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Picloram*	<0.02 µg/l	SUB	<0.04	<0.04	<0.04	<0.02	<0.04	<0.04	
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.053	<0.05	<0.05	0.05	0.099	
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclopyr*	<0.03 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.03	
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.075	
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.06	<0.18
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	0.091	0.406	0.317	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	0.068	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	0.116	0.069	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled			08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
Sample Time			14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	14:00:00	14:00:00
Date Received			09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
SDG Ref			220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
Lab Sample No.(s)			25789965	25789973	25789969	25789966	25789967	25789972	25789972
AGS Reference									
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	0.016	0.02	0.015	0.011	0.022	<0.02	<0.02
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
Sample Time	14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	09:02/2022	09:02/2022	14:00:00	14:00:00
Date Received	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
SDG Ref	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
Lab Sample No.(s)	25789965	25789973	25789969	25789966	25789967	25789966	25789966	25789967	25789972
AGS Reference									
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.016	0.049	0.043	0.029	0.052	0.095	0.095
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
Sample Time	14:50:00	11:32:00	10:48:00	09:32:00	09:32:00	09:32:00	09:32:00	14:26:00	14:00:00
Date Received	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
SDG Ref	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
Lab Sample No.(s)	25789965	25789973	25789969	25789966	25789966	25789966	25789966	25789967	25789972
AGS Reference									
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
Sample Time	14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	09:02/2022	09:02/2022	14:00:00	14:00:00
Date Received	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
SDG Ref	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
Lab Sample No.(s)	25789965	25789973	25789969	25789966	25789967			25789972	25789972
AGS Reference									
Component	LOD/Units	Method							
Paclitaxel*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.02	<0.01	<0.01	<0.01	0.013	0.012
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
Sample Time	14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	09:02/2022	09:02/2022	09:02/2022	14:00:00
Date Received	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
SDG Ref	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
Lab Sample No.(s)	25789965	25789973	25789969	25789966	25789967				25789972
AGS Reference									
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	0.031	0.078	0.065	<0.01	<0.01	
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tebuconazole*	<0.01 µg/l	SUB	<0.01	0.019	0.016	0.014	0.018	<0.01	
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	
Terbutryn*	<0.01 µg/l	SUB	<0.01	0.014	0.01	<0.01	0.011	<0.01	
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	131	113	138	157	46	87.2	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	5.27	8.59	7.94	7.89	7.93	8.58	#
Organic Carbon, Total	<3 mg/l	TM090	5.65	7.51	6.87	6.91	7.25	8.06	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	0.559	<0.2	<0.2	<0.2	1.23	#
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.643	0.675	0.655	0.658	0.773	0.662	#
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	11.4	<10	10.1	<10	#
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	1.01	<1	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.05	1.33	1.16	1.31	1.15	0.59	#
Boron (diss.filt)	<10 µg/l	TM152	202	164	130	120	252	142	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	#
Chromium (diss.filt)	<1 µg/l	TM152	1.26	1.09	<1	<1	1.69	1.06	#
Copper (diss.filt)	<0.3 µg/l	TM152	0.364	0.656	1.18	1.6	0.982	<0.3	#
Lead (diss.filt)	<0.2 µg/l	TM152	0.204	0.236	0.202	<0.2	0.331	<0.2	#
Manganese (diss.filt)	<3 µg/l	TM152	54.5	94.9	56.7	28.9	65.9	65.6	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	266	278	290	320	241	572	#
Nickel (diss.filt)	<0.4 µg/l	TM152	7.52	9.82	6.18	4.28	13.4	8.05	#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	55.5	65.2	51.5	48.9	77.2	57.2	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0313	0.0462	0.0329	0.0281	0.0535	0.0448	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	228	217	255	267	248	194	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Nitrite as NO2	<0.05 mg/l	TM184	0.216	0.939	0.322	0.272	0.332	0.384	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference			
Component	LOD/Units	Method							
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.118	0.422	0.432	0.487	0.149	1.32	#
Sulphate	<2 mg/l	TM184	78.5	77.6	86.9	100	90.4	92.9	#
Chloride	<2 mg/l	TM184	87.4	97	77.8	76.6	116	85.5	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0385	0.138	0.141	0.159	0.0486	0.432	#
Nitrate as NO3	<0.3 mg/l	TM184	21.5	50.5	36.1	31.8	40.7	50.8	#
Turbidity	<0.1 ntu	TM195	8.37	8.77	22.7	25.8	6.2	2.05	#
Bromide	<0.06 mg/l	TM226	0.188	0.16	0.0839	0.193	0.316	0.215	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	#
pH	<1 pH Units	TM256	7.96	7.37	7.76	7.9	7.76	7.08	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.664	0.703	0.669	0.689	0.812	0.673	#
Salinity	<2	TM256	<2	<2	<2	<2	<2	<2	#
Apparent Colour	<1 mg/l Pt/Co	TM261	38.8	44.8	80.7	91.7	35.4	25.7	#
True Colour	<1 mg/l Pt/Co	TM261	10.2	19.2	22.1	20	16.8	15.1	#
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Heptachlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	#
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endrin	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	#
o,p'-DDT	<0.01 µg/l	TM343	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	#
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
p,p'-DDT	<0.01 µg/l	TM343	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.17	<0.11	<0.52	<0.16	<0.28	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	0.0165	<0.01	0.0596	0.0206	<0.01	<0.01	<0.01
Atrazine	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	0.021	<0.01	<0.01
Simazine	<0.01 µg/l	TM344	0.0231	0.0278	0.0534	0.0196	0.0571	<0.01	<0.01
Disulfoton	<0.01 µg/l	TM344	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	0.0206	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference			
Component	LOD/Units	Method							
Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02
Azinphos methyl	<0.02 µg/l	TM344	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	0.0209	0.0427	0.0311	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Etrimpfos	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	<0.1	0.102	0.103	<0.1	<0.1	<0.1	<0.1
AMPA	<0.1 µg/l	TM413	<0.1	0.162	<0.1	<0.1	<0.1	<0.1	<0.1
Metalddehyde	<10 ng/l	TM416	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend		Customer Sample Ref.	Min - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971			
Component	LOD/Units	Method				
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	9.37			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<1.01			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.48			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	702			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.04			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<1.01			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method				
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100			
I-131*	<0.05 Bq/l	SUB	0.077			
K-40*	<2 Bq/l	SUB	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01			
Acetamiprid*	<0.01 µg/l	SUB	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05			
Pa-231*	<1 Bq/l	SUB	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02			
Acetochlor*	<0.03 µg/l	SUB	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03			
Buprofezin*	<0.05 µg/l	SUB	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.01			
Aclonifen*	<0.03 µg/l	SUB	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.01			
Alachlor*	<0.02 µg/l	SUB	<0.02			
Clofentazine*	<0.05 µg/l	SUB	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.15			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01			
Benzazolin*	<0.05 µg/l	SUB	<0.05			
Desmedipham*	<0.05 µg/l	SUB	<0.05			
Th-230*	<10 Bq/l	SUB	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

#	Customer Sample Ref.	Min - 02c					
Results Legend		Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Surface Water (SW)	08/02/2022	12:47:00	09/02/2022	220209-112	
		SDG Ref	25789971				
		Lab Sample No.(s)					
		AGS Reference					
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.01				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.01				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.06				
Etoxazole*	<0.05 µg/l	SUB	<0.05				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.09				
Famoxadone*	<0.05 µg/l	SUB	<0.05				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.02				
Famphur*	<0.05 µg/l	SUB	<0.05				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.02				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<2				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.03				
Fenothiocarb*	<0.05 µg/l	SUB	<0.05				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.05				
Fluroxypyr*	<0.02 µg/l	SUB	<0.08				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.05				
loxynil*	<0.01 µg/l	SUB	<0.01				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Min - 02c Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.014				
Fluquinconazole*	<0.05 µg/l	SUB	<0.05				
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.05				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.05				
MCPP (isomers)*	<0.01 µg/l	SUB	0.044				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxifop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05				
Picloram*	<0.02 µg/l	SUB	<0.04				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	0.062				
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.02				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05				
Triclopyr*	<0.03 µg/l	SUB	<0.06				
Bitertanol*	<0.02 µg/l	SUB	<0.02				
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05				
Triclosan*	<0.05 µg/l	SUB	<0.05				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.05				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.05				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.05				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.05				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05				
Carbetamide*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend		Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.05				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.05				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.05				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.05				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.05				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafuron*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.05				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflumuron*	<0.05 µg/l	SUB	<0.05				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method				
Clodinafop*	<0.03 µg/l	SUB	<0.03			
Tritosulfuron*	<0.05 µg/l	SUB	<0.05			
Clomazone*	<0.01 µg/l	SUB	<0.01			
Zoxamide*	<0.05 µg/l	SUB	<0.05			
Clomeprop*	<0.01 µg/l	SUB	<0.01			
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05			
Clothianidin*	<0.05 µg/l	SUB	<0.01			
Flufenacet*	<0.05 µg/l	SUB	<0.05			
Coumaphos*	<0.02 µg/l	SUB	<0.02			
Flufenacet OA*	<0.05 µg/l	SUB	<0.05			
Crimidine*	<0.03 µg/l	SUB	<0.03			
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05			
Cyanazine*	<0.01 µg/l	SUB	<0.01			
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05			
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01			
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05			
Cymoxanil*	<0.05 µg/l	SUB	<0.05			
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05			
Cyprazine*	<0.02 µg/l	SUB	<0.02			
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05			
Cyproconazole*	<0.01 µg/l	SUB	<0.01			
Flutriafol*	<0.05 µg/l	SUB	<0.05			
Cyprodinil*	<0.02 µg/l	SUB	<0.02			
Isoxaflutole*	<0.05 µg/l	SUB	<0.05			
Cyromazine*	<0.05 µg/l	SUB	<0.05			
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05			
Trietazine*	<0.05 µg/l	SUB	<0.1			
Desmetryn*	<0.01 µg/l	SUB	<0.01			
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05			
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05			
Diazinon*	<0.02 µg/l	SUB	<0.02			
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05			
Dichlofenthion*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

#	Customer Sample Ref.	Min - 02c				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix) </div>						
		Depth (m)	Surface Water (SW)			
		Sample Type	08/02/2022			
		Date Sampled	12:47:00			
		Sample Time	09/02/2022			
		Date Received	220209-112			
		SDG Ref	25789971			
		Lab Sample No.(s)				
		AGS Reference				
Component	LOD/Units	Method				
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05			
Dichlorimid*	<0.05 µg/l	SUB	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02			
Difenoxyuron*	<0.02 µg/l	SUB	<0.02			
Diflufenoxuron*	<0.02 µg/l	SUB	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01			
Diuron*	<0.01 µg/l	SUB	0.018			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01			
Ethoprophos*	<0.02 µg/l	SUB	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01			
Fensulfothion*	<0.02 µg/l	SUB	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend	Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method				
Fipronil*	<0.05 µg/l	SUB	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.058			
Indoxacarb*	<0.05 µg/l	SUB	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02			
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02			
Malaoxon*	<0.02 µg/l	SUB	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend		Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02				
Mecarbam*	<0.02 µg/l	SUB	<0.02				
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02				
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Mesotrione*	<0.05 µg/l	SUB	<0.05				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metamitron*	<0.03 µg/l	SUB	<0.03				
Metazachlor*	<0.01 µg/l	SUB	<0.01				
Metconazole*	<0.02 µg/l	SUB	<0.02				
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01				
Methamidophos*	<0.01 µg/l	SUB	<0.01				
Methidathion*	<0.01 µg/l	SUB	<0.01				
Methiocarb*	<0.02 µg/l	SUB	<0.01				
Methomyl*	<0.01 µg/l	SUB	<0.01				
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03				
Metobromuron*	<0.03 µg/l	SUB	<0.03				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metoxuron*	<0.01 µg/l	SUB	<0.01				
Metribuzin*	<0.03 µg/l	SUB	<0.03				
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01				
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Molinate*	<0.01 µg/l	SUB	<0.01				
Monocrotophos*	<0.01 µg/l	SUB	<0.01				
Monolinuron*	<0.02 µg/l	SUB	<0.02				
Monuron*	<0.02 µg/l	SUB	<0.02				
Napropamide*	<0.01 µg/l	SUB	<0.01				
Naptalam*	<0.03 µg/l	SUB	<0.03				
Neburon*	<0.01 µg/l	SUB	<0.01				
Nicosulfuron*	<0.01 µg/l	SUB	<0.01				
Nuarimol*	<0.02 µg/l	SUB	<0.02				
Omethoate*	<0.05 µg/l	SUB	<0.03				
Oxadixyl*	<0.03 µg/l	SUB	<0.03				
Oxamyl*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

#	Customer Sample Ref.	Min - 02c			
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix) </div>					
		Depth (m)	Surface Water (SW)		
		Sample Type	08/02/2022		
		Date Sampled	12:47:00		
		Sample Time	09/02/2022		
		Date Received	220209-112		
		SDG Ref	25789971		
		Lab Sample No.(s)			
		AGS Reference			
Component	LOD/Units	Method			
Paclobutrazol*	<0.02 µg/l	SUB	<0.02		
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02		
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02		
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05		
Penconazole*	<0.02 µg/l	SUB	<0.02		
Pencycuron*	<0.02 µg/l	SUB	<0.02		
Pendimethalin*	<0.03 µg/l	SUB	<0.03		
Phorate*	<0.03 µg/l	SUB	<0.03		
Phosalone*	<0.01 µg/l	SUB	<0.01		
Phosmet*	<0.05 µg/l	SUB	<0.05		
Phosphamidon*	<0.01 µg/l	SUB	<0.01		
Picloram*	<0.05 µg/l	SUB	<0.05		
Picoxystrobin*	<0.01 µg/l	SUB	<0.01		
Pirimicarb*	<0.01 µg/l	SUB	<0.01		
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02		
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01		
Pretilachlor*	<0.02 µg/l	SUB	<0.02		
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02		
Prochloraz*	<0.02 µg/l	SUB	<0.02		
Prodiamine*	<0.05 µg/l	SUB	<0.05		
Profenofos*	<0.01 µg/l	SUB	<0.01		
Promecarb*	<0.01 µg/l	SUB	<0.01		
Prometon*	<0.02 µg/l	SUB	<0.02		
Prometryn*	<0.01 µg/l	SUB	<0.01		
Propachlor*	<0.01 µg/l	SUB	<0.01		
Propamocarb*	<0.03 µg/l	SUB	<0.03		
Propanil*	<0.03 µg/l	SUB	<0.03		
Propaquizafop*	<0.03 µg/l	SUB	<0.03		
Propazine*	<0.01 µg/l	SUB	<0.01		
Propham*	<0.05 µg/l	SUB	<0.05		
Propiconazole*	<0.01 µg/l	SUB	0.012		
Propoxur*	<0.01 µg/l	SUB	<0.01		
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Min - 02c Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	0.015				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	0.013				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend # ISO17025 accredited. M mCERTS accredited. Aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Min - 02c Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	129	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	7.94				
Organic Carbon, Total	<3 mg/l	TM090	7.16	◆ #			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	<0.5				
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.772	#			
Aluminium (diss.filt)	<10 µg/l	TM152	14.7	#			
Antimony (diss.filt)	<1 µg/l	TM152	<1	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.04	#			
Boron (diss.filt)	<10 µg/l	TM152	229	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	1.58	#			
Copper (diss.filt)	<0.3 µg/l	TM152	0.676	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.428	#			
Manganese (diss.filt)	<3 µg/l	TM152	66.2	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	249	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	13.3	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	75.3	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0575	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	244				
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01				
Nitrite as NO2	<0.05 mg/l	TM184	0.381	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Min - 02c Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.229	#			
Sulphate	<2 mg/l	TM184	89.1	#			
Chloride	<2 mg/l	TM184	113	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0747	#			
Nitrate as NO3	<0.3 mg/l	TM184	43.4				
Turbidity	<0.1 ntu	TM195	4.37	#			
Bromide	<0.06 mg/l	TM226	0.211	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.6	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.791	#			
Salinity	<2	TM256	<2				
Apparent Colour	<1 mg/l Pt/Co	TM261	33.5				
True Colour	<1 mg/l Pt/Co	TM261	16.8				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.02				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.02				
o,p'-DDT	<0.01 µg/l	TM343	<0.04				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

#	Customer Sample Ref.	Min - 02c			
Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971			
Component	LOD/Units	Method			
p,p'-DDT	<0.01 µg/l	TM343	<0.06		
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.03		
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06		
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02		
Permethrin I	<0.01 µg/l	TM343	<0.01		
Permethrin II	<0.01 µg/l	TM343	<0.01		
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02		
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01		
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01		
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01		
Dichlorvos	<0.01 µg/l	TM344	<0.01		
Dichlobenil	<0.01 µg/l	TM344	<0.01		
Mevinphos	<0.01 µg/l	TM344	<0.01		
Tecnazene	<0.01 µg/l	TM344	<0.01		
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01		
Demeton-S-methyl	<0.01 µg/l	TM344	<0.22		
Phorate	<0.01 µg/l	TM344	<0.02		
Diazinon	<0.01 µg/l	TM344	<0.01		
Triallate	<0.01 µg/l	TM344	<0.01		
Atrazine	<0.01 µg/l	TM344	0.0142		
Simazine	<0.01 µg/l	TM344	0.0477		
Disulfoton	<0.01 µg/l	TM344	<0.04		
Propetamphos	<0.01 µg/l	TM344	<0.01		
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01		
Dimethoate	<0.01 µg/l	TM344	<0.01		
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01		
Chlorpyrifos	<0.01 µg/l	TM344	<0.01		
Methyl Parathion	<0.01 µg/l	TM344	<0.01		
Malathion	<0.01 µg/l	TM344	<0.01		
Fenthion	<0.01 µg/l	TM344	<0.01		
Fenitrothion	<0.01 µg/l	TM344	<0.01		
Triadimefon	<0.01 µg/l	TM344	<0.01		
Pendimethalin	<0.01 µg/l	TM344	<0.01		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Min - 02c Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Parathion	<0.01 µg/l	TM344	<0.01				
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.02				
Azinphos methyl	<0.02 µg/l	TM344	<0.04				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.02				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimpfos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	<0.1				
AMPA	<0.1 µg/l	TM413	<0.1				
Metalddehyde	<10 ng/l	TM416	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
aq	Aqueous / settled sample.			14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	14:00:00	14:00:00
diss.filt	Dissolved / filtered sample.			09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
tot.unfilt	Total / unfiltered sample.			220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
	Subcontracted - refer to subcontractor report for accreditation status.			25789965	25789973	25789969	25789966	25789967	25789972	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	<0.01	<0.01	0.0155	0.0141	0.0188	<0.01		
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Fluoranthene (aq)	<0.005 µg/l	TM178	0.033	0.0193	0.0414	0.0513	0.144	0.0707		
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0079	<0.005	0.0205	0.0193	0.0886	0.0604		
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Chrysene (aq)	<0.005 µg/l	TM178	0.0251	0.0137	0.0278	0.034	0.101	0.0316		
Pyrene (aq)	<0.005 µg/l	TM178	0.0477	0.0254	0.0428	0.0577	0.15	0.0506		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.02	0.0116	0.0157	0.0199	0.0315	0.0103		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0375	0.0194	0.0342	0.0458	0.117	0.0345		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.015	0.0098	0.014	0.021	0.0493	0.0161		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.0239	0.0132	0.0196	0.0321	0.0557	0.016		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0268	0.0125	0.0205	0.0293	0.0579	0.0161		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0219	<0.005	0.0201	0.0278	0.0537	<0.005		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.259	0.125	0.272	0.352	0.868	0.306		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

PAH Spec MS - Aqueous (W)

Table with 8 columns: Component, LOD/Units, Method, Min - 02c, and others. Rows include Naphthalene (aq), Acenaphthene (aq), Acenaphthylene (aq), Fluoranthene (aq), Anthracene (aq), Phenanthrene (aq), Fluorene (aq), Chrysene (aq), Pyrene (aq), Benzo(a)anthracene (aq), Benzo(b)fluoranthene (aq), Benzo(k)fluoranthene (aq), Benzo(a)pyrene (aq), Dibenzo(a,h)anthracene (aq), Benzo(g,h,i)perylene (aq), Indeno(1,2,3-cd)pyrene (aq), and PAH, Total Detected USEPA 16 (aq).



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

VOC MS (W)

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022
aq	Aqueous / settled sample.			14:50:00	11:32:00	10:48:00	09:32:00	14:26:00	14:00:00	14:00:00
diss.filt	Dissolved / filtered sample.			09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
tot.unfilt	Total / unfiltered sample.			220209-112	220209-112	220209-112	220209-112	220209-112	220209-112	220209-112
	Subcontracted - refer to subcontractor report for accreditation status.			25789965	25789973	25789969	25789966	25789967	25789972	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208	114	114	108	110	112	112		
Toluene-d8**	%	TM208	102	101	97.4	97.5	101	101		
4-Bromofluorobenzene**	%	TM208	94.8	95.7	97.6	100	96.2	96.4		
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

VOC MS (W)

Results Legend			Customer Sample Ref.	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 14:50:00 09/02/2022 220209-112 25789965	Surface Water (SW) 08/02/2022 11:32:00 09/02/2022 220209-112 25789973	Surface Water (SW) 08/02/2022 10:48:00 09/02/2022 220209-112 25789969	Surface Water (SW) 08/02/2022 09:32:00 09/02/2022 220209-112 25789966	Surface Water (SW) 08/02/2022 14:26:00 09/02/2022 220209-112 25789967	Treated Sewage (TS) 08/02/2022 14:00:00 09/02/2022 220209-112 25789972
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromoethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Chlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Ethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
m,p-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
o-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
Styrene	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromofom	<1 µg/l	TM208	#	#	#	#	#	#	#
Isopropylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Propylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
2-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
sec-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-iso-Propyltoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,4-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
n-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Hexachlorobutadiene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	#	#	#	#	#	#	#
Naphthalene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

VOC MS (W)

Results Legend		Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	113				
Toluene-d8**	%	TM208	103				
4-Bromofluorobenzene**	%	TM208	96.4				
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#			
Chloromethane	<1 µg/l	TM208	<1	#			
Vinyl chloride	<1 µg/l	TM208	<1	#			
Bromomethane	<1 µg/l	TM208	<1	#			
Chloroethane	<1 µg/l	TM208	<1	#			
Trichlorofluoromethane	<1 µg/l	TM208	<1	#			
1,1-Dichloroethene	<1 µg/l	TM208	<1	#			
Carbon disulphide	<1 µg/l	TM208	<1	#			
Dichloromethane	<3 µg/l	TM208	<3	#			
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#			
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
1,1-Dichloroethane	<1 µg/l	TM208	<1	#			
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
2,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Bromochloromethane	<1 µg/l	TM208	<1	#			
Chloroform	<1 µg/l	TM208	<1	#			
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#			
1,1-Dichloropropene	<1 µg/l	TM208	<1	#			
Carbontetrachloride	<1 µg/l	TM208	<1	#			
1,2-Dichloroethane	<1 µg/l	TM208	<1	#			
Benzene	<1 µg/l	TM208	<1	#			
Trichloroethene	<1 µg/l	TM208	<1	#			
1,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Dibromomethane	<1 µg/l	TM208	<1	#			
Bromodichloromethane	<1 µg/l	TM208	<1	#			
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
Toluene	<1 µg/l	TM208	<1	#			
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#			
1,3-Dichloropropane	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

VOC MS (W)

Results Legend		Customer Sample Ref.	Min - 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 08/02/2022 12:47:00 09/02/2022 220209-112 25789971				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromofom	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220209-112
Client Ref.: 60663957

Report Number: 636697
Location: Minworth

Superseded Report: 634295

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.

AGS Ref.
Depth
Type

	25789965	25789973	25789969	25789966	25789967	25789972	25789971
	Min - 01	Min - 03	Min - 04	Min - 05	Min - 02a	Min - 02b	Min - 02c
Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water

Acid Herbicides by LCMS*	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Acrylamide by LCMS (W)*	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Alkalinity as CaCO3	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022
Ammoniacal Nitrogen	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022
Anions by ion Chromatography	15-Feb-2022	14-Feb-2022	14-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022
Anions by Kone (w)	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022
Artificial radionuclide by HR gamma	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Bromate by IC*	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Chlormequat*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Chlorophyll-a Cold	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Clostridium Perfringens*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Colour Test	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022
Conductivity (at 20 deg.C)	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022
Cryptosporidium & Giardia*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Cyanide Comp/Free/Total/Thiocyanate	17-Feb-2022	17-Feb-2022	14-Feb-2022	17-Feb-2022	14-Feb-2022	14-Feb-2022	14-Feb-2022
Cyanobacteria (Blue Green algae)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Dissolved Metals by ICP-MS	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022
Dissolved Organic/Inorganic Carbon	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022
Epiclorohydrin*	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Escherichia Coli*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Faecal Streptococci (W)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Fluoride	12-Feb-2022	12-Feb-2022	12-Feb-2022	12-Feb-2022	12-Feb-2022	12-Feb-2022	12-Feb-2022
Glyphosate and AMPA	21-Feb-2022	21-Feb-2022	21-Feb-2022	21-Feb-2022	21-Feb-2022	21-Feb-2022	21-Feb-2022
Gross Alpha Activity*	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Gross beta activity	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Mercury Dissolved	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022
Metaldehyde	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022	16-Feb-2022
Natural radionuclide by HR gamma	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Nitrite by Kone (w)	12-Feb-2022	12-Feb-2022	11-Feb-2022	12-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022
PAH Spec MS - Aqueous (W)	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022
Pesticides (Suite I) by GCMS	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022
Pesticides (Suite II) by GCMS	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022
Pesticides (Suite III) by GCMS	17-Feb-2022	17-Feb-2022	17-Feb-2022	17-Feb-2022	17-Feb-2022	17-Feb-2022	17-Feb-2022
Pesticides by GCMS (W-PESLMS02LL)*	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Pesticides by GCMS (W-PESLMS07)*	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
pH Value	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022
Phosphate by Kone (w)	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022
Total Coliforms(W)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
Total Metals by ICP-MS	11-Feb-2022	11-Feb-2022	15-Feb-2022	11-Feb-2022	11-Feb-2022	11-Feb-2022	15-Feb-2022
Total Organic and Inorganic Carbon	18-Feb-2022	18-Feb-2022	18-Feb-2022	18-Feb-2022	18-Feb-2022	18-Feb-2022	17-Feb-2022
Tritium by Scintillation	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Turbidity in waters	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022	10-Feb-2022
TVC 22C 3 day (W)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
TVC 37C 1 day (W)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
TVC 37C 2 day (W)*	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022	01-Mar-2022
VOC MS (W)	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022	15-Feb-2022

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-17925-1

Issue No.: 1

Date of Issue 01/03/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220209-112

Customer Reference: 220209-112

Quotation Reference: 220113/02

Description: 7 water samples

Date Received: 11/02/2022

Date Started: 25/02/2022

Date Completed: 01/03/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 22-17925-1

Customer Reference: 220209-112

Customer Order No: 220209-112

Customer Sample No	25793878	25793725	25793480	25793591	25793721	25793637	25793879
Customer Sample ID	Min - 01	Min - 02a	Min - 02b	Min - 02c	Min - 03	Min - 04	Min - 05
RPS Sample No	483970	483971	483972	483973	483974	483975	483976
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022	08/02/2022

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-17925-1

Customer Reference: 220209-112

Customer Order No: 220209-112

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
483970	25793878		08/02/2022	500ml green glass bottle	No	
483971	25793725		08/02/2022	500ml green glass bottle	No	
483972	25793480		08/02/2022	500ml green glass bottle	No	
483973	25793591		08/02/2022	500ml green glass bottle	No	
483974	25793721		08/02/2022	500ml green glass bottle	No	
483975	25793637		08/02/2022	500ml green glass bottle	No	
483976	25793879		08/02/2022	500ml green glass bottle	No	

Report No.: 22-17925-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



ALS Environmental Ltd

Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213

F: +44 (0)24 7685 6575

www.alsenvironmental.co.uk

Individuals' names and
signatures redacted

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

01 March 2022

Test Report: COV/2270052/2022

Dear F.A.O Quotes

Analysis of your sample(s) received on 08 February 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

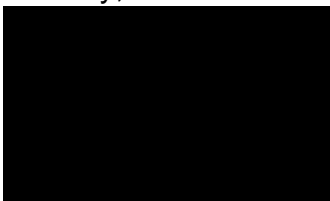
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Crypto Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**

ANALYSED BY



Individuals' names and signatures redacted

Date of Issue: **01 March 2022**

Report Number: **COV/2270052/2022**

Issue **1**

This issue replaces all previous issues

Job Description: 2021 Analysis

Job Location: AECOM

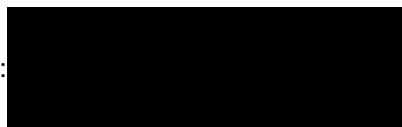
Number of Samples included in this report **7**

Job Received: **08 February 2022**

Number of Test Results included in this report **112**

Analysis Commenced: **09 February 2022**

Signed:



Name:



Date: **01 March 2022**

Title:

Crypto Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327643**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 14:50**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	98.27	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	44.06	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 1 day	793	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<0.95238	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327643:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Mundtii. TVC Estimated. TVC Estimated.

7 Giardia Like Bodies (All 8-14 microns)

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name:		Date: 01 March 2022
		Title:	Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327644**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02A**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 14:00**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	10.74	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<0.96154	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/02/2022	Y Cov	W8
TVC 37C 1 day	871	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<0.96154	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327644:

This sample has been analysed for Clostridium Perfringens, Conf, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hirae. Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample. TVC Estimated. TVC Estimated.

This issue replaces all previous issues
 Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.
 Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),
 F = Data supplied by customer.
 For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.
 I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name: [Redacted]

Date: 01 March 2022

Title: **Crypto Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327645**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 14:26**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/02/2022	Y Cov	W8
TVC 37C 1 day	767	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<0.95238	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327645:

This sample has been analysed for Clostridium Perfringens, Conf, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hiraе. Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

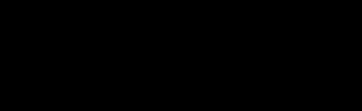

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 01 March 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327646**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02C**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 12:47**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	9.37	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<1.01010	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 1 day	702	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<1.01010	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327646:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium, Enterococcus Hirae and Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575


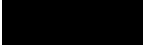
This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 01 March 2022
	Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327647**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 14:32**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	8.74	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<1.05263	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 1 day	910	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<1.05263	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327647:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium, Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:	[Redacted]	Name: [Redacted]	Date: 01 March 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327648**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 10:48**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	10.11	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	13/02/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<0.99010	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	10/02/2022	Y Cov	W1
Giardia Sample	<0.99010	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327648:

Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hirae. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 01 March 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2270052/2022**
 Laboratory Number: **21327649**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **08 February 2022 09:32**
 Sample Received: **08 February 2022**
 Analysis Complete: **16 February 2022**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	7.91	ug/l	09/02/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	09/02/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	12/02/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/02/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	10/02/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	10/02/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	10/02/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	11/02/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	11/02/2022	Y Cov	W7
Crypto Sample 4-6um	<1.03093	Oocysts10L	16/02/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	10/02/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	11/02/2022	Y Cov	W1
Giardia Sample	<1.03093	cysts/10l	16/02/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	11/02/2022	Y Cov	W44

Analyst Comments for 21327649:

This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

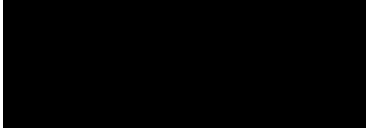

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 01 March 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Individuals' names and signatures redacted



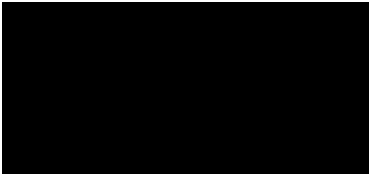
ANALYST COMMENTS FOR REPORT COV/2270052/2022

Issue 1

This issue replaces all previous issues

Date of Issue: 01 March 2022

Sample No	Analysis Comments
21327643	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Mundtii. TVC Estimated. TVC Estimated. 7 Giardia Like Bodies (All 8-14 microns)
21327644	This sample has been analysed for Clostridium Perfringens, Conf, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hirae. Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample. TVC Estimated. TVC Estimated.
21327645	This sample has been analysed for Clostridium Perfringens, Conf, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hirae. Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample. TVC Estimated. TVC Estimated.
21327646	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium, Enterococcus Hirae and Enterococcus species. TVC Estimated. TVC Estimated.
21327647	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium, Enterococcus species. TVC Estimated. TVC Estimated.
21327648	Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus Hirae. TVC Estimated. TVC Estimated.
21327649	This sample has been analysed for Chlorophyll "a" COLD, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Phaeophytin, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus Faecium and Enterococcus species. TVC Estimated. TVC Estimated.

Signed: 

Name: 

Date: **01 March 2022**

Title: **Crypto Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2270052/2022

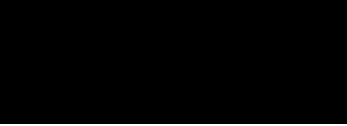

ISSUE 1

This issue replaces all previous issues

Date of Issue: 01 March 2022

Sample No	Description	Determinand	Comments
21327643	MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327643	MIN-01	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327643	MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327643	MIN-01	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327643	MIN-01	TVC 22C 3 day	TVC Estimated.
21327643	MIN-01	TVC 37C 2 day	TVC Estimated.
21327643	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus Faecium and Enterococcus Mundtii.
21327643	MIN-01	TVC 37C 1 day	TVC Estimated.
21327643	MIN-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21327644	MIN-02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327644	MIN-02A	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327644	MIN-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327644	MIN-02A	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327644	MIN-02A	TVC 22C 3 day	TVC Estimated.
21327644	MIN-02A	TVC 37C 2 day	TVC Estimated.
21327644	MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus Faecium and Enterococcus Hirae.
21327644	MIN-02A	TVC 37C 1 day	TVC Estimated.
21327644	MIN-02A	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample.
21327645	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327645	MIN-02B	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327645	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327645	MIN-02B	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327645	MIN-02B	TVC 22C 3 day	TVC Estimated.
21327645	MIN-02B	TVC 37C 2 day	TVC Estimated.
21327645	MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus Faecium and Enterococcus Hirae.
21327645	MIN-02B	TVC 37C 1 day	TVC Estimated.
21327645	MIN-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium Perfringens due to nature of the sample.
21327646	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327646	MIN-02C	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327646	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327646	MIN-02C	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327646	MIN-02C	TVC 22C 3 day	TVC Estimated.
21327646	MIN-02C	TVC 37C 2 day	TVC Estimated.
21327646	MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus Faecium, Enterococcus Hirae and Enterococcus species.
21327646	MIN-02C	TVC 37C 1 day	TVC Estimated.
21327646	MIN-02C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21327647	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327647	MIN-03	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327647	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327647	MIN-03	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327647	MIN-03	TVC 22C 3 day	TVC Estimated.
21327647	MIN-03	TVC 37C 2 day	TVC Estimated.
21327647	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus Faecium, Enterococcus species.
21327647	MIN-03	TVC 37C 1 day	TVC Estimated.
21327647	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21327648	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327648	MIN-04	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21327648	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21327648	MIN-04	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21327648	MIN-04	TVC 22C 3 day	TVC Estimated.
21327648	MIN-04	TVC 37C 2 day	TVC Estimated.
21327648	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus Faecium and Enterococcus Hirae.

21327648	MIN-04	TVC 37C 1 day	TVC Estimated.
21327648	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21327649	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21327649	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21327649	MIN-05	TVC 22C 3 day	TVC Estimated.
21327649	MIN-05	TVC 37C 2 day	TVC Estimated.
21327649	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus Faecium and Enterococcus species.
21327649	MIN-05	TVC 37C 1 day	TVC Estimated.
21327649	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:		Name: 	Date: 01 March 2022
		Title: Crypto Team Leader	

Individuals' names and signatures redacted

Page Intentionally Left Blank



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2212823	Issue Date	: 08-Mar-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdnsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220209-112	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 15-Feb-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 16-Feb-2022 - 08-Mar-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2212823/010, method W-BRO3-IC - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2212823/043-049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2212823/037, 038, 040, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 10.2.2022.

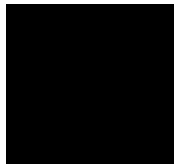
The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25793542 Min - 02b		25793306 Min - 02b		25793479 Min - 02b	
				Laboratory sample ID		PR2212823003		PR2212823010		PR2212823017	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<150	---	----	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793957 Min - 02b		25793541 Min - 02b	
				Laboratory sample ID		PR2212823024		PR2212823031		PR2212823038	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.56	± 16.2%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.013	± 30.0%	----	---
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793957 Min - 02b		25793541 Min - 02b	
				Laboratory sample ID		PR2212823024		PR2212823031		PR2212823038	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.180	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxyuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793957 Min - 02b		25793541 Min - 02b	
				Laboratory sample ID		PR2212823024		PR2212823031		PR2212823038	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.095	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793957 Min - 02b		25793541 Min - 02b	
				Laboratory sample ID		PR2212823024		PR2212823031		PR2212823038	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	0.012	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793957 Min - 02b		25793541 Min - 02b	
				Laboratory sample ID		PR2212823024		PR2212823031		PR2212823038	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25793540 Min - 02b		25793739 Min - 02b		25793309 Min - 02b	
				Laboratory sample ID		PR2212823045		PR2212823052		PR2212823059	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.040	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25793540 Min - 02b		25793739 Min - 02b		25793309 Min - 02b	
				Laboratory sample ID		PR2212823045		PR2212823052		PR2212823059	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.200	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.270	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.800	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.080	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.099	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25793540 Min - 02b		25793739 Min - 02b		25793309 Min - 02b	
				Laboratory sample ID		PR2212823045		PR2212823052		PR2212823059	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.015	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.040	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.020	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.075	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25793957 Min - 02b		25793955 Min - 02b		----	
				Laboratory sample ID		PR2212823066		PR2212823073		----	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25793957		25793955		----	
				Laboratory sample ID		PR2212823066		PR2212823073		----	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793915		25793679		25793534	
				Laboratory sample ID		PR2212823001		PR2212823002		PR2212823004	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793724		25793651		25793853	
				Laboratory sample ID		PR2212823005		PR2212823006		PR2212823007	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793377		25793350		25793231	
				Laboratory sample ID		PR2212823008		PR2212823009		PR2212823011	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793274		25793265		25793372	
				Laboratory sample ID		PR2212823012		PR2212823013		PR2212823014	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793930		25793877		25793489	
				Laboratory sample ID		PR2212823015		PR2212823016		PR2212823018	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793735		25793701		25793905	
				Laboratory sample ID		PR2212823019		PR2212823020		PR2212823021	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID		25793735 Min - 03		25793701 Min - 04		25793905 Min - 05	
				Laboratory sample ID		PR2212823019		PR2212823020		PR2212823021	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793941 Min - 01		25793948 Min - 02a		25793967 Min - 02c	
				Laboratory sample ID		PR2212823022		PR2212823023		PR2212823025	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	<0.04	---	<0.04	---	<0.04	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793976 Min - 03		25793972 Min - 04		25793974 Min - 05	
				Laboratory sample ID		PR2212823026		PR2212823027		PR2212823028	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	<0.08	---	<0.12	---	<0.12	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793941 Min - 01		25793948 Min - 02a		25793967 Min - 02c	
				Laboratory sample ID		PR2212823029		PR2212823030		PR2212823032	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.34	± 18.0%	0.44	± 16.8%	0.48	± 16.5%	0.48	± 16.5%

Sub-Matrix: SURFACE WATER				Client sample ID		25793976 Min - 03		25793972 Min - 04		25793974 Min - 05	
				Laboratory sample ID		PR2212823033		PR2212823034		PR2212823035	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.38	± 17.4%	0.29	± 19.0%	0.24	± 20.5%	0.24	± 20.5%

Sub-Matrix: SURFACE WATER				Client sample ID		25793914 Min - 01		25793675 Min - 02a		25793531 Min - 02c	
				Laboratory sample ID		PR2212823036		PR2212823037		PR2212823039	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---



Sub-Matrix: SURFACE WATER				Client sample ID		25793914		25793675		25793531	
				Laboratory sample ID		Min - 01		Min - 02a		Min - 02c	
				Client sampling date / time		PR2212823036		PR2212823037		PR2212823039	
				10-Feb-2022		10-Feb-2022		10-Feb-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.020	± 30.0%	0.011	± 30.0%	0.014	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafof	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.060	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793914		25793675		25793531	
				Laboratory sample ID		Min - 01		Min - 02a		Min - 02c	
				Client sampling date / time		PR2212823036		PR2212823037		PR2212823039	
				10-Feb-2022		10-Feb-2022		10-Feb-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoaxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	0.022	± 30.0%	0.018	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	0.052	± 30.0%	0.058	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793914		25793675		25793531	
				Laboratory sample ID		Min - 01		Min - 02a		Min - 02c	
				Client sampling date / time		PR2212823036		PR2212823037		PR2212823039	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793914 Min - 01		25793675 Min - 02a		25793531 Min - 02c	
Laboratory sample ID				PR2212823036		PR2212823037		PR2212823039			
Client sampling date / time				10-Feb-2022		10-Feb-2022		10-Feb-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	0.013	± 30.0%	0.012	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	0.018	± 30.0%	0.015	± 30.0%		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	0.011	± 30.0%	0.013	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793914		25793675		25793531	
				Laboratory sample ID		Min - 01		Min - 02a		Min - 02c	
				Client sampling date / time		PR2212823036		PR2212823037		PR2212823039	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793723		25793643		25793849	
				Laboratory sample ID		Min - 03		Min - 04		Min - 05	
				Client sampling date / time		PR2212823040		PR2212823041		PR2212823042	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	0.011	± 30.0%	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793723		25793643		25793849	
				Laboratory sample ID		Min - 03		Min - 04		Min - 05	
				Client sampling date / time		PR2212823040		PR2212823041		PR2212823042	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.020	± 30.0%	0.015	± 30.0%	0.011	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793723		25793643		25793849	
				Laboratory sample ID		Min - 03		Min - 04		Min - 05	
				Client sampling date / time		PR2212823040		PR2212823041		PR2212823042	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.049	± 30.0%	0.043	± 30.0%	0.029	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793723 Min - 03		25793643 Min - 04		25793849 Min - 05	
				Laboratory sample ID		PR2212823040		PR2212823041		PR2212823042	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.020	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	0.031	± 30.0%	0.078	± 30.0%	0.065	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793723 Min - 03		25793643 Min - 04		25793849 Min - 05	
				Laboratory sample ID		PR2212823040		PR2212823041		PR2212823042	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	0.019	± 30.0%	0.016	± 30.0%	0.014	± 30.0%		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	0.010	± 30.0%	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	0.010	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793913 Min - 01		25793673 Min - 02a		25793530 Min - 02c	
				Laboratory sample ID		PR2212823043		PR2212823044		PR2212823046	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	<1.50	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.040	---	<0.040	---	<0.040	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.150	---	<0.150	---	<0.150	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.060	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	<0.090	---	<0.090	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793913 Min - 01		25793673 Min - 02a		25793530 Min - 02c	
				Laboratory sample ID		PR2212823043		PR2212823044		PR2212823046	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<1.00	---	<1.60	---	<2.00	---	<2.00	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.080	---	<0.080	---	<0.080	---	<0.080	---
loxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.021	± 30.0%	0.049	± 30.0%	0.044	± 30.0%	0.044	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.040	---	<0.040	---	<0.040	---	<0.040	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---	<0.060	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793722 Min - 03		25793639 Min - 04		25793847 Min - 05	
				Laboratory sample ID		PR2212823047		PR2212823048		PR2212823049	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	<1.50	---	<1.50	---
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.040	---	<0.040	---	<0.040	---	<0.040	---
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.150	---	<0.150	---	<0.150	---	<0.150	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.060	---	<0.030	---	<0.030	---	<0.030	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	<0.090	---	<0.090	---	<0.090	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<1.60	---	<1.00	---	<0.800	---	<0.800	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.080	---	<0.080	---	<0.080	---	<0.080	---
loxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.040	± 30.0%	0.021	± 30.0%	0.025	± 30.0%	0.025	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.040	---	<0.040	---	<0.020	---	<0.020	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---	<0.060	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793880 Min - 01		25793720 Min - 02a		25793601 Min - 02c	
				Laboratory sample ID		PR2212823050		PR2212823051		PR2212823053	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		25793880		25793720		25793601	
				Laboratory sample ID		Min - 01		Min - 02a		Min - 02c	
				Client sampling date / time		PR2212823050		PR2212823051		PR2212823053	
				10-Feb-2022		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	0.050	± 30.0%	0.062	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793880 Min - 01		25793720 Min - 02a		25793601 Min - 02c	
				Laboratory sample ID		PR2212823050		PR2212823051		PR2212823053	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793750 Min - 03		25793619 Min - 04		25793889 Min - 05	
				Laboratory sample ID		PR2212823054		PR2212823055		PR2212823056	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	0.068	± 30.0%	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	0.091	± 30.0%	0.406	± 30.0%	0.317	± 30.0%		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	0.116	± 30.0%	0.069	± 30.0%		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25793750 Min - 03		25793619 Min - 04		25793889 Min - 05	
				Laboratory sample ID		PR2212823054		PR2212823055		PR2212823056	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.053	± 30.0%	<0.050	---	<0.050	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793378 Min - 01		25793352 Min - 02a		25793232 Min - 02c	
				Laboratory sample ID		PR2212823057		PR2212823058		PR2212823060	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.075	---	0.100	± 50.0%	0.077	± 45.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25793275 Min - 03		25793269 Min - 04		25793373 Min - 05	
				Laboratory sample ID		PR2212823061		PR2212823062		PR2212823063	



Sub-Matrix: SURFACE WATER				Client sample ID		25793275 Min - 03		25793269 Min - 04		25793373 Min - 05	
				Laboratory sample ID		PR2212823061		PR2212823062		PR2212823063	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.150	± 25.0%	0.120	± 35.0%	0.075	± 30.0%	0.075	± 30.0%
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793941 Min - 01		25793948 Min - 02a		25793967 Min - 02c	
				Laboratory sample ID		PR2212823064		PR2212823065		PR2212823067	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793976 Min - 03		25793972 Min - 04		25793974 Min - 05	
				Laboratory sample ID		PR2212823068		PR2212823069		PR2212823070	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25793939 Min - 01		25793946 Min - 02a		25793965 Min - 02c	
				Laboratory sample ID		PR2212823071		PR2212823072		PR2212823074	
				Client sampling date / time		10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID		25793975		25793969		25793973	
				Laboratory sample ID		Min - 03		Min - 04		Min - 05	
				Client sampling date / time		PR2212823075		PR2212823076		PR2212823077	
						10-Feb-2022		10-Feb-2022		10-Feb-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 220209-112	Client Reference: 60663957	Report Number: 636697
Location: Minworth	Order Number: 60663	Superseded Report: 634295

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [REDACTED]

CERTIFICATE OF ANALYSIS

Date of report Generation:	05 April 2022
Customer:	Aecom
Sample Delivery Group (SDG):	220302-106
Your Reference:	60663957
Location:	Minworth
Report No:	640894
Order Number:	60663

We received 7 samples on Wednesday March 02, 2022 and 7 of these samples were scheduled for analysis which was completed on Tuesday April 05, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

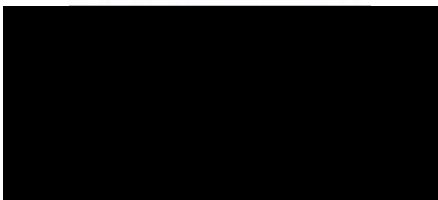
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25905323	MIN - 01			01/03/2022
25905318	MIN - 03			01/03/2022
25905317	MIN - 04			01/03/2022
25905316	MIN - 05			01/03/2022
25905322	MIN - 02A			01/03/2022
25905321	MIN - 02B			01/03/2022
25905320	MIN - 02C			01/03/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container														Sample Type					
					0.5l glass bottle (ALE227)	1l plastic (ALE221)	1l plastic (ALE228) - Wide neck bottle	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	1l plastic (ALE228) - Wide neck bottle	250ml Amber GI. PTFE/PE (ALE219)		330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)
X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	25905323	MIN - 01			0.5l glass bottle (ALE227)	1l plastic (ALE221)	1l plastic (ALE228) - Wide neck bottle	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1l plastic (ALE221)	1l plastic (ALE228) - Wide neck bottle	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	SW
25905318	MIN - 03				SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7			X										X									
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7			X										X									
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7						X										X						
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7							X												X			
Anions by ion Chromatography	All	NDPs: 0 Tests: 7					X											X						
Anions by Kone (w)	All	NDPs: 0 Tests: 7					X											X						
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7					X											X						
Bromate by IC*	All	NDPs: 0 Tests: 7					X											X						
Chlormequat*	All	NDPs: 0 Tests: 7			X										X									
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7				X											X							
Clostridium Perfringens*	All	NDPs: 0 Tests: 7				X															X			
Colour Test	All	NDPs: 0 Tests: 7						X											X					
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7						X											X					
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7				X											X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7											X											



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)		25903323														25903318										
	Customer Sample Reference		MIN - 01														MIN - 03										
Sample Types -	AGS Reference																										
Container	Depth (m)																										
Sample Type			0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	1plastic (ALE219)	PTFE/PE (ALE219)	250ml Amber GI.	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	PTFE/PE (ALE219)	250ml Amber GI. (ALE503)	330ml plastic bottle (ALE208)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	SW		
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X												X												
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7								X															X		
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X												X												
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X												X												
Escherichia Coli*	All	NDPs: 0 Tests: 7		X																				X			
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7		X																				X			
Fluoride	All	NDPs: 0 Tests: 7						X													X						
Glyphosate and AMPA	All	NDPs: 0 Tests: 7						X													X						
Gross Alpha Activity*	All	NDPs: 0 Tests: 7			X																			X			
Gross beta activity	All	NDPs: 0 Tests: 7			X																			X			
Mercury Dissolved	All	NDPs: 0 Tests: 7									X															X	
Metaldehyde	All	NDPs: 0 Tests: 7	X													X											
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7			X																			X			
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7											X														
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7					X																	X			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)		25903323														25903318								
	Customer Sample Reference		MIN - 01														MIN - 03								
AGS Reference	Depth (m)																								
Container			0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	SW	
Sample Type			SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X											X											
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X											X											
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X											X											
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X											X											
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X											X											
pH Value	All	NDPs: 0 Tests: 7					X												X						
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7					X												X						
Total Coliforms(W)*	All	NDPs: 0 Tests: 7		X															X						
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7										X												X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7							X												X				
Tritium by Scintillation	All	NDPs: 0 Tests: 7			X											X									
Turbidity in waters	All	NDPs: 0 Tests: 7					X												X						
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7		X															X						
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7		X															X						
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7		X															X						

25905316	MIN - 05			HNO3 Unfiltered (ALE204)	SW		
				HNO3 Filtered (ALE204)	SW		
				H2SO4 (ALE244)	SW		
				500ml Plastic (ALE208)	SW		
				330ml plastic bottle (ALE503)	SW		
				250ml Amber Gl. PTFE/PE (ALE219)	SW		
				1plastic (ALE221)	SW		
				0.5l glass bottle (ALE227)	SW		
				Vial (ALE297)	SW	X	
				NaOH (ALE245)	SW		
				HNO3 Unfiltered (ALE204)	SW		
				HNO3 Filtered (ALE204)	SW		
				H2SO4 (ALE244)	SW		
				500ml Plastic (ALE208)	SW		
330ml plastic bottle (ALE503)	SW						
250ml Amber Gl. PTFE/PE (ALE219)	SW						
1plastic (ALE228) - Wide neck bottle	SW						
1plastic (ALE221)	SW						
0.5l glass bottle (ALE227)	SW						
Vial (ALE297)	SW	X					
NaOH (ALE245)	SW						
25905318	MIN - 03						



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend <input checked="" type="checkbox"/> Test <input checked="" type="checkbox"/> No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
	25906316	MIN - 05			NaOH (ALE245) Vial (ALE297) 0.5l glass bottle (ALE227) 1plastic (ALE221)	SW
	25906322	MIN - 02A			500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE228) - Wide neck bottle 1plastic (ALE221)	TS
	25906321	MIN - 02B			500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE228) - Wide neck bottle 1plastic (ALE221)	TS
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7				
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7				
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7				
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7				
Anions by ion Chromatography	All	NDPs: 0 Tests: 7				
Anions by Kone (w)	All	NDPs: 0 Tests: 7				
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7				
Bromate by IC*	All	NDPs: 0 Tests: 7				
Chlormequat*	All	NDPs: 0 Tests: 7				
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7				
Clostridium Perfringens*	All	NDPs: 0 Tests: 7				
Colour Test	All	NDPs: 0 Tests: 7				
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7				
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7				
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)	25903316	25903322	25903321
	Customer Sample Reference	MIN - 05	MIN - 02A	MIN - 02B
AGS Reference				
Depth (m)				
Container		NaOH (ALE245) Vial (ALE297) 0.5l glass bottle (ALE227) SW	0.5l glass bottle (ALE227) SW	330ml plastic bottle (ALE503) 250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE228) - Wide neck bottle (ALE221) TS
Sample Type		SW	TS	TS
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X	X
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7		X
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X	X
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X	X
Escherichia Coli*	All	NDPs: 0 Tests: 7		X
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7		X
Fluoride	All	NDPs: 0 Tests: 7		X
Glyphosate and AMPA	All	NDPs: 0 Tests: 7		X
Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X
Mercury Dissolved	All	NDPs: 0 Tests: 7		X
Metaldehyde	All	NDPs: 0 Tests: 7	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7		X
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7	X	X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7		X

25906320				MIN - 02B											
Vial (ALE297)	SW														
NaOH (ALE245)	SW														
HNO3 Unfiltered (ALE204)	SW														X
HNO3 Filtered (ALE204)	SW							X							
H2SO4 (ALE244)	SW														
500ml Plastic (ALE208)	SW								X						
330ml plastic bottle (ALE503)	SW								X						
250ml Amber Gl. PTFE/PE (ALE219)	SW									X					
1plastic (ALE228) - Wide neck bottle	SW										X				
1plastic (ALE221)	SW											X			
0.5l glass bottle (ALE227)	SW						X								
Vial (ALE297)	TS							X							
NaOH (ALE245)	TS														
HNO3 Unfiltered (ALE204)	TS														
HNO3 Filtered (ALE204)	TS								X						
H2SO4 (ALE244)	TS														



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Lab Sample No(s)																						
	Customer Sample Reference																						
AGS Reference																							
Depth (m)																							
Container	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	PTFE/PE (ALE219)	250ml Amber Gl. (ALE503)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	1plastic (ALE228) - Wide neck bottle	PTFE/PE (ALE219)	250ml Amber Gl. (ALE503)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	TS	
Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X												X								
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X												X								
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X												X								
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X												X								
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X												X								
pH Value	All	NDPs: 0 Tests: 7						X															X
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7						X															X
Total Coliforms(W)*	All	NDPs: 0 Tests: 7							X														X
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7										X											
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7							X														
Tritium by Scintillation	All	NDPs: 0 Tests: 7			X												X						
Turbidity in waters	All	NDPs: 0 Tests: 7						X															X
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7							X														X
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7							X														X
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7							X														X

2590320		MIN - 02C						Vial (ALE297)	SW																														
2590321		MIN - 02B						Vial (ALE297)	TS						X																								
								0.5l glass bottle (ALE227)	SW						X																								
								1plastic (ALE221)	SW																														
								Wide neck bottle	SW																														
								1plastic (ALE228) -	SW																														
								PTFE/PE (ALE219)	SW																														
								250ml Amber Gl.	SW																														
								330ml plastic bottle (ALE503)	SW							X																							
								500ml Plastic (ALE208)	SW																														
								H2SO4 (ALE244)	SW																														
								HNO3 Filtered (ALE204)	SW																														
								HNO3 Unfiltered (ALE204)	SW																														
								NaOH (ALE245)	SW																														
								HNO3 Unfiltered (ALE204)	TS																														
								HNO3 Filtered (ALE204)	TS																														
								H2SO4 (ALE244)	TS																														



CERTIFICATE OF ANALYSIS

SDG: 220302-106
 Client Ref.: 60663957

Report Number: 640894
 Location: Minworth

Superseded Report:

Results Legend X Test N No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
	25903316	MIN - 05			NaOH (ALE245) Vial (ALE297) 0.5l glass bottle (ALE227) 1plastic (ALE221)	SW
	25903322	MIN - 02A			500ml Plastic (ALE208) 330ml plastic bottle (ALE503) 250ml Amber Gl. PTFE/PE (ALE219) 1plastic (ALE228) - Wide neck bottle 1plastic (ALE221) 0.5l glass bottle (ALE227) Vial (ALE297) NaOH (ALE245) HNO3 Unfiltered (ALE204) HNO3 Filtered (ALE204) H2SO4 (ALE244)	TS TS TS TS TS TS SW SW SW SW SW
VOC MS (W)	All	NDPs: 0 Tests: 7				X

25906320	MIN - 02C			Vial (ALE297)	SW	X		
				NaOH (ALE245)	SW			
				HNO3 Unfiltered (ALE204)	SW			
				HNO3 Filtered (ALE204)	SW			
				H2SO4 (ALE244)	SW			
				500ml Plastic (ALE208)	SW			
				330ml plastic bottle (ALE503)	SW			
				250ml Amber Gl. PTFE/PE (ALE219)	SW			
				11plastic (ALE228) - Wide neck bottle	SW			
				11plastic (ALE221)	SW			
				0.5l glass bottle (ALE227)	SW			
				Vial (ALE297)	TS	X		
				NaOH (ALE245)	TS			
				HNO3 Unfiltered (ALE204)	TS			
HNO3 Filtered (ALE204)	TS							
H2SO4 (ALE244)	TS							



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.		MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321		
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1	<1	<1	<1	<1	<1	<1
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.23	<0.2	<0.2	<0.2	<0.2	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	<60
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	15.8	<7	<7	<7	<7	8.81	<7	<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.952	<1.02	<0.99	<1.04	<0.962	<0.962	<0.962	<0.962
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	67	0	1120	1300	0	0	0	0
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.04	<0.05	<0.06	<0.05	<0.05	<0.04	<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.22	0.3	0.3	0.32	0.29	0.31	0.31	0.31
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>90	>100	>100	>100	>100	>100	>100	>100
Giardia (B0X)*	<0 cysts/10L	SUB	<0.952	<1.02	<0.99	<1.04	<0.962	<0.962	<0.962	<0.962
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.05	0.29	0.28	0.22	0.15	<0.052	<0.052
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.23	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175	<0.175
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
Sample Time	15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	02/03/2022	02/03/2022	02/03/2022
Date Received	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	220302-106	220302-106	220302-106
SDG Ref	220302-106	220302-106	220302-106	220302-106	220302-106	220302-106	25905316	25905322	25905321
Lab Sample No.(s)	25905323	25905318	25905317	25905316	25905316	25905316	25905316	25905322	25905321
AGS Reference									
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Etoxadole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.26	<0.26	<0.04
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	0.023	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
Sample Time	15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	02/03/2022	02/03/2022	02/03/2022
Date Received	02/03/2022	02/03/2022	02/03/2022	02/03/2022	220302-106	220302-106	220302-106	220302-106	220302-106
SDG Ref	220302-106	220302-106	220302-106	220302-106	25905317	25905316	25905322	25905321	
Lab Sample No.(s)	25905323	25905318							
AGS Reference									
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	0.015	0.01	0.011	<0.01	0.011	0.012	
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
4-(4-Chloro-o-toloxly) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MCPP (isomers)*	<0.01 µg/l	SUB	<0.01	0.048	0.021	<0.01	0.042	<0.01	
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Picloram*	<0.02 µg/l	SUB	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.051	0.055	<0.05	<0.05	0.085	
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclopyr*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
Sample Time	15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	02/03/2022	02/03/2022	02/03/2022
Date Received	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	220302-106	220302-106	220302-106
SDG Ref	220302-106	220302-106	220302-106	220302-106	220302-106	220302-106	25905316	25905322	25905321
Lab Sample No.(s)	25905323	25905318	25905317	25905316	25905316	25905316	25905316	25905322	25905321
AGS Reference									
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	0.045	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.035
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	0.082	0.109	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference			
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	0.01	0.011	0.011	<0.01	0.014	<0.01	<0.01
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
Sample Time	15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	02/03/2022	02/03/2022	02/03/2022
Date Received	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	220302-106	220302-106	220302-106
SDG Ref	220302-106	220302-106	220302-106	220302-106	220302-106	220302-106	25905316	25905322	25905321
Lab Sample No.(s)	25905323	25905318	25905317	25905316	25905322	25905321			
AGS Reference									
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.016	0.045	0.049	0.031	0.036	0.059	
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Paclitaxel*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	0.015	0.012	0.013	<0.01	0.017	<0.02	<0.02
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	0.015	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	0.01	0.015	0.012	<0.01	0.014	<0.01	<0.02
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)								
Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Date Sampled	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
Sample Time	15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	02/03/2022	02/03/2022	02/03/2022
Date Received	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	220302-106	220302-106	220302-106
SDG Ref	220302-106	220302-106	220302-106	220302-106	220302-106	220302-106	25905316	25905322	25905321
Lab Sample No.(s)	25905323	25905318	25905317	25905316	25905322	25905321			
AGS Reference									
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	119	126	131	165	97.5	83.4	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.39	8.59	9.03	8.32	8.08	6.95	
Organic Carbon, Total	<3 mg/l	TM090	5.99	7.49	7.51	6.7	6.69	6.06	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.699	1.34	0.958	<0.2	<0.2	<0.2	
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.596	0.677	0.694	0.762	0.584	0.512	
Aluminium (diss.filt)	<10 µg/l	TM152	10.8	<10	<10	<10	<10	<10	
Antimony (diss.filt)	<1 µg/l	TM152	1.21	1.22	<1	<1	1.25	<1	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.42	1.58	1.69	1.33	1	0.823	
Boron (diss.filt)	<10 µg/l	TM152	170	197	166	138	172	81.5	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Chromium (diss.filt)	<1 µg/l	TM152	1.58	1.68	1.5	<1	1.97	<1	
Copper (diss.filt)	<0.3 µg/l	TM152	4.97	3.95	4.17	3.12	5.04	0.817	
Lead (diss.filt)	<0.2 µg/l	TM152	0.319	0.307	0.313	0.201	0.493	0.353	
Manganese (diss.filt)	<3 µg/l	TM152	63.5	88.4	86.4	52.7	66.7	42.9	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	267	706	635	339	336	693	
Nickel (diss.filt)	<0.4 µg/l	TM152	7.81	13.3	11.9	6.86	12.4	5.56	
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	50.2	62.6	59.4	48	54.9	42	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0459	0.0443	0.0384	0.0331	0.0403	0.0395	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	199	220	241	325	178	164	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Nitrite as NO2	<0.05 mg/l	TM184	0.404	1.77	1.24	0.378	0.39	0.077	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.197 #	1.37 #	1.28 #	0.672 #	0.262 #	1.82 #	
Sulphate	<2 mg/l	TM184	61.7 #	72 #	80.7 #	118 #	56.1 #	65.3 #	
Chloride	<2 mg/l	TM184	77.6 #	92.7 #	88.2 #	74.1 #	82.2 #	61.5 #	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0643 #	0.447 #	0.419 #	0.219 #	0.0855 #	0.594 #	
Nitrate as NO3	<0.3 mg/l	TM184	26.7 #	30.4 #	42.2 #	39 #	31.3 #	35.7 #	
Turbidity	<0.1 ntu	TM195	16.4 #	13.2 #	11.9 #	8.56 #	11.3 #	1.25 #	
Bromide	<0.06 mg/l	TM226	0.101 #	0.153 #	0.148 #	0.112 #	0.126 #	0.091 #	
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #	
pH	<1 pH Units	TM256	7.46 #	7.62 #	7.56 #	7.89 #	7.5 #	7.07 #	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.591 #	0.68 #	0.695 #	0.748 #	0.584 #	0.515 #	
Salinity	<2	TM256	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #	
Apparent Colour	<1 mg/l Pt/Co	TM261	34.5 #	34.5 #	34.8 #	33.7 #	33.3 #	19.3 #	
True Colour	<1 mg/l Pt/Co	TM261	10.8 #	16.9 #	17.4 #	17.1 #	15.3 #	13 #	
Trifluralin	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
alpha-HCH	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Heptachlor	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Aldrin	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
beta-HCH	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Isodrin	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
delta-HCH	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
o,p'-DDE	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Endosulphan I	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
trans-Chlordane	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
cis-Chlordane	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
p,p'-DDE	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Dieldrin	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Endrin	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
o,p'-DDT	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Endosulphan II	<0.02 µg/l	TM343	<0.02 #	<0.02 #	<0.02 #	<0.02 #	<0.02 #	<0.02 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot. unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)				
Component	LOD/Units	Method							
p,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.02	<0.03	<0.015	<0.03	<0.02	<0.02	<0.02
Diazinon	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Atrazine	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Simazine	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Disulfoton	<0.01 µg/l	TM344	<0.02	<0.03	<0.015	<0.03	<0.02	<0.02	<0.02
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.02	<0.03	<0.015	<0.03	<0.02	<0.02	<0.02
Malathion	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference			
Component	LOD/Units	Method							
Parathion	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.015	<0.015	<0.015	<0.015	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.03	<0.045	<0.015	<0.045	<0.045	<0.03	<0.03
Triazophos	<0.01 µg/l	TM344	<0.07	<0.105	<0.015	<0.105	<0.105	<0.07	<0.07
Phosalone	<0.01 µg/l	TM344	<0.05	<0.075	<0.015	<0.075	<0.075	<0.05	<0.05
Azinphos methyl	<0.02 µg/l	TM344	<0.06	<0.09	<0.03	<0.09	<0.09	<0.06	<0.06
Azinphos ethyl	<0.02 µg/l	TM344	<0.06	<0.09	<0.03	<0.09	<0.09	<0.06	<0.06
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozone (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Etrimpfos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	0.12	0.341	0.248	<0.1	0.188	<0.1	<0.1
AMPA	<0.1 µg/l	TM413	<0.1	0.624	0.278	<0.1	<0.1	<0.1	<0.1
Metalddehyde	<10 ng/l	TM416	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Component	LOD/Units	Method	MIN - 02C			
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.98			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.3			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.015			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.98			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

#	Customer Sample Ref.	MIN - 02C				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>						
		Depth (m)	Surface Water (SW)			
		Sample Type	01/03/2022			
		Date Sampled	13:00:00			
		Sample Time	02/03/2022			
		Date Received	220302-106			
		SDG Ref	25905320			
		Lab Sample No.(s)				
		AGS Reference				
Component	LOD/Units	Method				
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100			
I-131*	<0.05 Bq/l	SUB	0.16			
K-40*	<2 Bq/l	SUB	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01			
Acetamiprid*	<0.01 µg/l	SUB	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05			
Pa-231*	<1 Bq/l	SUB	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02			
Acetochlor*	<0.03 µg/l	SUB	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03			
Buprofezin*	<0.05 µg/l	SUB	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.01			
Aclonifen*	<0.03 µg/l	SUB	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.01			
Alachlor*	<0.02 µg/l	SUB	<0.02			
Clofentazine*	<0.05 µg/l	SUB	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.175			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01			
Benzazolin*	<0.05 µg/l	SUB	<0.05			
Desmedipham*	<0.05 µg/l	SUB	<0.05			
Th-230*	<10 Bq/l	SUB	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02C Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.01				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.01				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.3				
Etoxazole*	<0.05 µg/l	SUB	<0.05				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.06				
Famoxadone*	<0.05 µg/l	SUB	<0.05				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.02				
Famphur*	<0.05 µg/l	SUB	<0.05				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.02				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.04				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.03				
Fenothiocarb*	<0.05 µg/l	SUB	<0.05				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.05				
Fluroxypyr*	<0.02 µg/l	SUB	<0.06				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.05				
loxynil*	<0.01 µg/l	SUB	<0.01				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02C Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.012				
Fluquinconazole*	<0.05 µg/l	SUB	<0.05				
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.05				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.05				
MCPP (isomers)*	<0.01 µg/l	SUB	0.038				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05				
Picloram*	<0.02 µg/l	SUB	<0.28				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	0.05				
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.05				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05				
Triclopyr*	<0.03 µg/l	SUB	<0.03				
Bitertanol*	<0.02 µg/l	SUB	<0.02				
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05				
Triclosan*	<0.05 µg/l	SUB	<0.05				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.05				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.05				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.05				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.05				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05				
Carbetamide*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend	Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*5@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method				
Pethoxamid*	<0.05 µg/l	SUB	<0.05			
Carbofuran*	<0.01 µg/l	SUB	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05			
Thiazafuror*	<0.05 µg/l	SUB	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.04			
Triflumuron*	<0.05 µg/l	SUB	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#% Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02C Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.1				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05				
Dichlormid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxyuron*	<0.02 µg/l	SUB	<0.02				
Diflubenuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.014				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfotion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	<0.05				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.02				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.044				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monomodesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02				
Mecarbam*	<0.02 µg/l	SUB	<0.02				
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02				
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Mesotrione*	<0.05 µg/l	SUB	<0.05				
Metolaxyl (isomers)*	<0.01 µg/l	SUB	<0.01				
Metamitron*	<0.03 µg/l	SUB	<0.03				
Metazachlor*	<0.01 µg/l	SUB	<0.01				
Metconazole*	<0.02 µg/l	SUB	<0.02				
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01				
Methamidophos*	<0.01 µg/l	SUB	<0.01				
Methidathion*	<0.01 µg/l	SUB	<0.01				
Methiocarb*	<0.02 µg/l	SUB	<0.01				
Methomyl*	<0.01 µg/l	SUB	<0.01				
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03				
Metobromuron*	<0.03 µg/l	SUB	<0.03				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metoxuron*	<0.01 µg/l	SUB	<0.01				
Metribuzin*	<0.03 µg/l	SUB	<0.03				
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01				
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Molinate*	<0.01 µg/l	SUB	<0.01				
Monocrotophos*	<0.01 µg/l	SUB	<0.01				
Monolinuron*	<0.02 µg/l	SUB	<0.02				
Monuron*	<0.02 µg/l	SUB	<0.02				
Napropamide*	<0.01 µg/l	SUB	<0.01				
Naptalam*	<0.03 µg/l	SUB	<0.03				
Neburon*	<0.01 µg/l	SUB	<0.01				
Nicosulfuron*	<0.01 µg/l	SUB	<0.01				
Nuarimol*	<0.02 µg/l	SUB	<0.02				
Omethoate*	<0.05 µg/l	SUB	<0.03				
Oxadixyl*	<0.03 µg/l	SUB	<0.03				
Oxamyl*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Prochloraz*	<0.02 µg/l	SUB	<0.02				
Prodiamine*	<0.05 µg/l	SUB	<0.05				
Profenofos*	<0.01 µg/l	SUB	<0.01				
Promecarb*	<0.01 µg/l	SUB	<0.01				
Prometon*	<0.02 µg/l	SUB	<0.02				
Prometryn*	<0.01 µg/l	SUB	<0.01				
Propachlor*	<0.01 µg/l	SUB	<0.01				
Propamocarb*	<0.03 µg/l	SUB	<0.03				
Propanil*	<0.03 µg/l	SUB	<0.03				
Propaquizafop*	<0.03 µg/l	SUB	<0.03				
Propazine*	<0.01 µg/l	SUB	<0.01				
Propham*	<0.05 µg/l	SUB	<0.05				
Propiconazole*	<0.01 µg/l	SUB	0.019				
Propoxur*	<0.01 µg/l	SUB	<0.01				
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	0.014				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. Aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02C Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	94.9	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	7.8	#			
Organic Carbon, Total	<3 mg/l	TM090	6.57	#			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	<0.5	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.566	#			
Aluminium (diss.filt)	<10 µg/l	TM152	<10	#			
Antimony (diss.filt)	<1 µg/l	TM152	1.14	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.02	#			
Boron (diss.filt)	<10 µg/l	TM152	154	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	1.58	#			
Copper (diss.filt)	<0.3 µg/l	TM152	3.19	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.374	#			
Manganese (diss.filt)	<3 µg/l	TM152	61.6	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	368	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	10.9	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	52.8	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.039	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	171	#			
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	#			
Nitrite as NO2	<0.05 mg/l	TM184	0.37	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.512	#			
Sulphate	<2 mg/l	TM184	57.2	#			
Chloride	<2 mg/l	TM184	78.8	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.167	#			
Nitrate as NO3	<0.3 mg/l	TM184	31.3				
Turbidity	<0.1 ntu	TM195	11.2	◆ #			
Bromide	<0.06 mg/l	TM226	0.128	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.38	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.572	#			
Salinity	<2	TM256	<2				
Apparent Colour	<1 mg/l Pt/Co	TM261	29.9				
True Colour	<1 mg/l Pt/Co	TM261	15.5				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDT	<0.01 µg/l	TM343	<0.01				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
p,p'-DDT	<0.01 µg/l	TM343	<0.01				
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01				
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01				
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02				
Permethrin I	<0.01 µg/l	TM343	<0.01				
Permethrin II	<0.01 µg/l	TM343	<0.01				
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.015				
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.015				
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.015				
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.015				
Dichlorvos	<0.01 µg/l	TM344	<0.015				
Dichlobenil	<0.01 µg/l	TM344	<0.015				
Mevinphos	<0.01 µg/l	TM344	<0.015				
Tecnazene	<0.01 µg/l	TM344	<0.015				
Hexachlorobenzene	<0.01 µg/l	TM344	<0.015				
Demeton-S-methyl	<0.01 µg/l	TM344	<0.015				
Phorate	<0.01 µg/l	TM344	<0.03				
Diazinon	<0.01 µg/l	TM344	<0.015				
Triallate	<0.01 µg/l	TM344	<0.015				
Atrazine	<0.01 µg/l	TM344	<0.015				
Simazine	<0.01 µg/l	TM344	<0.015				
Disulfoton	<0.01 µg/l	TM344	<0.03				
Propetamphos	<0.01 µg/l	TM344	<0.015				
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.015				
Dimethoate	<0.01 µg/l	TM344	<0.015				
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.015				
Chlorpyrifos	<0.01 µg/l	TM344	<0.015				
Methyl Parathion	<0.01 µg/l	TM344	<0.03				
Malathion	<0.01 µg/l	TM344	<0.015				
Fenthion	<0.01 µg/l	TM344	<0.015				
Fenitrothion	<0.01 µg/l	TM344	<0.015				
Triadimefon	<0.01 µg/l	TM344	<0.015				
Pendimethalin	<0.01 µg/l	TM344	<0.015				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02C Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Parathion	<0.01 µg/l	TM344	<0.015				
Chlorfenvinphos	<0.01 µg/l	TM344	<0.015				
trans-Chlordane	<0.01 µg/l	TM344	<0.015				
cis-Chlordane	<0.01 µg/l	TM344	<0.015				
Ethion	<0.01 µg/l	TM344	<0.015				
Carbophenothion	<0.01 µg/l	TM344	<0.045				
Triazophos	<0.01 µg/l	TM344	<0.105				
Phosalone	<0.01 µg/l	TM344	<0.075				
Azinphos methyl	<0.02 µg/l	TM344	<0.09				
Azinphos ethyl	<0.02 µg/l	TM344	<0.09				
Etridiazole	<0.01 µg/l	TM345	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimpfos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.179				
AMPA	<0.1 µg/l	TM413	<0.1				
Metalddehyde	<10 ng/l	TM416	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022
aq	Aqueous / settled sample.			15:00:00	11:44:00	10:48:00	09:01:00	13:53:00	14:19:00	14:19:00
diss.filt	Dissolved / filtered sample.			02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022
tot.unfilt	Total / unfiltered sample.			220302-106	220302-106	220302-106	220302-106	220302-106	220302-106	220302-106
	Subcontracted - refer to subcontractor report for accreditation status.			25905323	25905318	25905317	25905316	25905322	25905321	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	0.157	0.0358	0.0551	0.0105	0.178	0.0274		
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0218	0.0137	0.0087	<0.005	0.0354	0.0091		
Acenaphthylene (aq)	<0.005 µg/l	TM178	0.0076	<0.005	0.0086	<0.005	0.0059	<0.005		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.091	0.0915	0.0693	0.0406	0.607	0.181		
Anthracene (aq)	<0.005 µg/l	TM178	0.0059	0.0059	0.0057	<0.005	0.0141	<0.005		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0363	0.0471	0.0411	0.0237	0.578	0.164		
Fluorene (aq)	<0.005 µg/l	TM178	0.0116	0.0095	0.0101	<0.005	0.0294	0.0067		
Chrysene (aq)	<0.005 µg/l	TM178	0.0596	0.0511	0.0397	0.0453	0.293	0.093		
Pyrene (aq)	<0.005 µg/l	TM178	0.0936	0.0846	0.0669	0.0364	0.435	0.122		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0363	0.0288	0.0238	0.0201	0.123	0.0287		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0881	0.0728	0.0549	0.0757	0.311	0.095		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0422	0.0316	0.0222	0.106	0.13	0.0441		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.0462	0.0423	0.0341	0.0278	0.163	0.0423		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.0129	0.0112	0.016	0.117	0.0538	0.0135		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0561	0.0469	0.0382	0.0963	0.152	0.0399		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0393	0.0361	0.0283	0.0748	0.126	0.0368		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.805	0.609	0.523	0.674	3.23	0.904		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN - 02C					
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320					
M	mCERTS accredited.							
aq	Aqueous / settled sample.							
diss.filt	Dissolved / filtered sample.							
tot.unfilt	Total / unfiltered sample.							
*	Subcontracted - refer to subcontractor report for accreditation status.							
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery							
(F)	Trigger breach confirmed							
1-4*\$@	Sample deviation (see appendix)							
Component	LOD/Units			Method				
Naphthalene (aq)	<0.01 µg/l	TM178	1.05	#				
Acenaphthene (aq)	<0.005 µg/l	TM178	0.283	#				
Acenaphthylene (aq)	<0.005 µg/l	TM178	0.0124	#				
Fluoranthene (aq)	<0.005 µg/l	TM178	3.73	#				
Anthracene (aq)	<0.005 µg/l	TM178	0.144	#				
Phenanthrene (aq)	<0.005 µg/l	TM178	4.04	#				
Fluorene (aq)	<0.005 µg/l	TM178	0.25	#				
Chrysene (aq)	<0.005 µg/l	TM178	1.53	#				
Pyrene (aq)	<0.005 µg/l	TM178	2.5	#				
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.896	#				
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	1.59	#				
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.696	#				
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.92	#				
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.172	#				
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.608	#				
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.57	#				
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	19	#				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Dibromofluoromethane**	%	TM208	108	107	106	110	108	107	
Toluene-d8**	%	TM208	96.5	97.3	96.7	97.6	95.4	95.9	
4-Bromofluorobenzene**	%	TM208	94.4	95.4	95	94.7	96.2	96.9	
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 15:00:00 02/03/2022 220302-106 25905323	Surface Water (SW) 01/03/2022 11:44:00 02/03/2022 220302-106 25905318	Surface Water (SW) 01/03/2022 10:48:00 02/03/2022 220302-106 25905317	Surface Water (SW) 01/03/2022 09:01:00 02/03/2022 220302-106 25905316	Surface Water (SW) 01/03/2022 13:53:00 02/03/2022 220302-106 25905322	Treated Sewage (TS) 01/03/2022 14:19:00 02/03/2022 220302-106 25905321
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN - 02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filter Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320			
Component	LOD/Units	Method				
Dibromofluoromethane**	%	TM208	109			
Toluene-d8**	%	TM208	97.4			
4-Bromofluorobenzene**	%	TM208	95			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#		
Chloromethane	<1 µg/l	TM208	<1	#		
Vinyl chloride	<1 µg/l	TM208	<1	#		
Bromomethane	<1 µg/l	TM208	<1	#		
Chloroethane	<1 µg/l	TM208	<1	#		
Trichlorofluoromethane	<1 µg/l	TM208	<1	#		
1,1-Dichloroethene	<1 µg/l	TM208	<1	#		
Carbon disulphide	<1 µg/l	TM208	<1	#		
Dichloromethane	<3 µg/l	TM208	<3	#		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
1,1-Dichloroethane	<1 µg/l	TM208	<1	#		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
2,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Bromochloromethane	<1 µg/l	TM208	<1	#		
Chloroform	<1 µg/l	TM208	<1	#		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#		
1,1-Dichloropropene	<1 µg/l	TM208	<1	#		
Carbontetrachloride	<1 µg/l	TM208	<1	#		
1,2-Dichloroethane	<1 µg/l	TM208	<1	#		
Benzene	<1 µg/l	TM208	<1	#		
Trichloroethene	<1 µg/l	TM208	<1	#		
1,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Dibromomethane	<1 µg/l	TM208	<1	#		
Bromodichloromethane	<1 µg/l	TM208	<1	#		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
Toluene	<1 µg/l	TM208	<1	#		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#		
1,3-Dichloropropane	<1 µg/l	TM208	<1	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
 Client Ref.: 60663957

Report Number: 640894
 Location: Minworth

Superseded Report:

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN - 02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/03/2022 13:00:00 02/03/2022 220302-106 25905320				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromofom	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220302-106
Client Ref.: 60663957

Report Number: 640894
Location: Minworth

Superseded Report:

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.

AGS Ref.
Depth
Type

	25905323	25905318	25905317	25905316	25905322	25905321	25905320
	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02A	MIN - 02B	MIN - 02C
Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water
Acid Herbicides by LCMS*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Acrylamide by LCMS (W)*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Alkalinity as CaCO3	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Ammoniacal Nitrogen	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Anions by ion Chromatography	09-Mar-2022	08-Mar-2022	09-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Anions by Kone (w)	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022
Artificial radionuclide by HR gamma	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Bromate by IC*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Chloromequat*	22-Mar-2022	22-Mar-2022	22-Mar-2022	22-Mar-2022	22-Mar-2022	22-Mar-2022	22-Mar-2022
Chlorophyll-a Cold	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022
Clostridium Perfringens*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Colour Test	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Conductivity (at 20 deg C)	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Cryptosporidium & Giardia*	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022
Cyanide Comp/Free/Total/Thiocyanate	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Cyanobacteria (Blue Green algae)*	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022
Dissolved Metals by ICP-MS	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Dissolved Organic/Inorganic Carbon	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022
Epichlorohydrin*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Escherichia Coli*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Faecal Streptococci (W)*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Fluoride	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Glyphosate and AMPA	14-Mar-2022	16-Mar-2022	14-Mar-2022	14-Mar-2022	14-Mar-2022	15-Mar-2022	15-Mar-2022
Gross Alpha Activity*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Gross beta activity	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Mercury Dissolved	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022
Metaldehyde	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022
Natural radionuclide by HR gamma	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Nitrite by Kone (w)	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022
PAH Spec MS - Aqueous (W)	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022
Pesticides (Suite I) by GCMS	11-Mar-2022	11-Mar-2022	10-Mar-2022	11-Mar-2022	11-Mar-2022	10-Mar-2022	11-Mar-2022
Pesticides (Suite II) by GCMS	09-Mar-2022	09-Mar-2022	10-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
Pesticides (Suite III) by GCMS	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022	11-Mar-2022
Pesticides by GCMS (W-PESLMS02LL)*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Pesticides by GCMS (W-PESLMS07)*	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
pH Value	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Phosphate by Kone (w)	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022	08-Mar-2022
Total Coliforms(W)*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
Total Metals by ICP-MS	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022
Total Organic and Inorganic Carbon	05-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022	07-Mar-2022
Tritium by Scintillation	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Turbidity in waters	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022	09-Mar-2022
TVC 22C 3 day (W)*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
TVC 37C 1 day (W)*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
TVC 37C 2 day (W)*	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022	05-Apr-2022
VOC MS (W)	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022	04-Mar-2022



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

17 March 2022

Test Report: COV/2280435/2022

Dear F.A.O Quotes

Analysis of your sample(s) received on 01 March 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).


An invoice for the analysis carried out will be sent under separate cover.

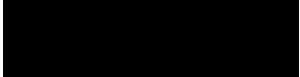
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Organics Chemistry Manager



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**



Individuals' names and
signatures redacted

Date of Issue: **17 March 2022**

Report Number: **COV/2280435/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

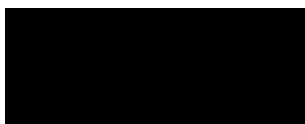
Number of Samples
included in this report **7**

Job Received: **01 March 2022**

Number of Test Results
included in this report **112**

Analysis Commenced: **02 March 2022**

Signed:



Name:



Date: **17 March 2022**

Title:

Organics Chemistry Manager

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
Laboratory Number: **21399146**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-01**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 March 2022 09:01**
Sample Received: **01 March 2022**
Analysis Complete: **17 March 2022**

Issue **1**
Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	15.77	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	05/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>90	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	14/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<0.95238	cysts/10l	14/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	67	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399146:

This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Only 75ml filtered for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecalis and Enterococcus faecium. TVC Estimated.

8 Giardia Like Bodies (8-14 microns) {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{*}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

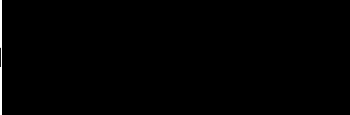

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name: 	Date: 17 March 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
Laboratory Number: **21399147**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-02A**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 March 2022 10:48**
Sample Received: **01 March 2022**
Analysis Complete: **17 March 2022**

Issue **1**
Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	8.81	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	06/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.96154	Oocysts10L	14/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<0.96154	cysts/10l	14/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399147:

This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species. TVC Estimated.

2 Giardia Like Bodies (8-14 microns) {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{*}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

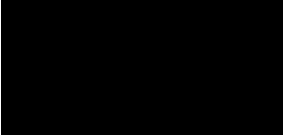

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 17 March 2022
	Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
 Laboratory Number: **21399148**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **01 March 2022 14:04**
 Sample Received: **01 March 2022**
 Analysis Complete: **17 March 2022**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	05/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	07/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.96154	Oocysts10L	06/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<0.96154	cysts/10l	06/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399148:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus hirae. TVC Estimated.

1 Giardia Like Body (8-14 microns) TVC Estimated. {(*)}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{(*)}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

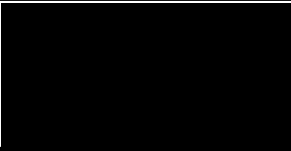

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 17 March 2022
	Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
Laboratory Number: **21399149**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-02C**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 March 2022 13:00**
Sample Received: **01 March 2022**
Analysis Complete: **17 March 2022**

Issue **1**
Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	05/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	07/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	10/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<0.98039	cysts/10l	10/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399149:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus hirae. TVC Estimated. TVC Estimated.

1 Giardia Like Body (8-14 microns) {*/}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{*/}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 17 March 2022
	Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
 Laboratory Number: **21399150**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Not Specified**
 Sample Date/Time: **01 March 2022 14:19**
 Sample Received: **01 March 2022**
 Analysis Complete: **17 March 2022**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	05/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	07/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<1.02041	Oocysts10L	14/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<1.02041	cysts/10l	14/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399150:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumpt, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus hirae, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. {/**}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/**}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

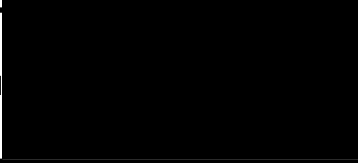

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name: 	Date: 17 March 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
Laboratory Number: **21399151**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **MIN-04**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 March 2022 13:53**
Sample Received: **01 March 2022**
Analysis Complete: **17 March 2022**

Issue **1**
Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	07/03/2022	N Cov	W1
Total Coliform presump	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.99010	Oocysts10L	14/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<0.99010	cysts/10l	14/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	1116	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399151:

This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species. TVC Estimated. TVC Estimated. {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 12 of 19



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 17 March 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2280435/2022**
 Laboratory Number: **21399152**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Not Specified**
 Sample Date/Time: **01 March 2022 15:00**
 Sample Received: **01 March 2022**
 Analysis Complete: **17 March 2022**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	02/03/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	16/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	07/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/03/2022	N Cov	W7
Crypto Sample 4-6um	<1.04167	Oocysts10L	13/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	03/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/03/2022	N Cov	W1
Giardia Sample	<1.04167	cysts/10l	13/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	1304	cells/ml	04/03/2022	N Cov	W44

Analyst Comments for 21399152:

This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium. TVC Estimated. TVC Estimated. {*/}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{*/}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

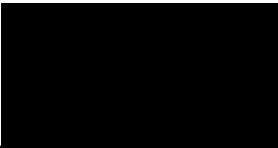

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

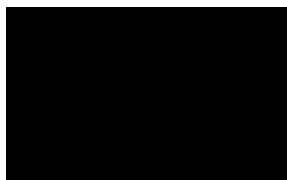
Signed:		Name: 	Date: 17 March 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Date of Issue: 17 March 2022

Sample No	Analysis Comments
21399146	<p>This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Only 75ml filtered for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecalis and Enterococcus faecium. TVC Estimated.</p> <p>8 Giardia Like Bodies (8-14 microns) {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399147	<p>This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species. TVC Estimated.</p> <p>2 Giardia Like Bodies (8-14 microns) {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399148	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus hirae. TVC Estimated.</p> <p>1 Giardia Like Body (8-14 microns) TVC Estimated. {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399149	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus hirae. TVC Estimated. TVC Estimated.</p> <p>1 Giardia Like Body (8-14 microns) {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399150	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus hirae, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399151	<p>This sample has been analysed for Crypto Sample 4-6um, Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presump, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day, Enterococci confirmed, Enterococci presumptive, Clostridium Perfringens, Conf, TVC 37C 1 day, Algae Blue Greens, Clostridium Perfringens, Pres outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species. TVC Estimated. TVC Estimated. {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>
21399152	<p>This sample has been analysed for Crypto Sample 4-6um, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium. TVC Estimated. TVC Estimated. {/*}No analysed for phaeophytin - confusion over det request following det change, resulting in analysis being missed.{/*}</p>

Signed:



Name: [REDACTED]

Date: 17 March 2022

Title: Organics Chemistry Manager



DETERMINAND COMMENTS FOR REPORT COV/2280435/2022

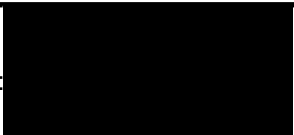

ISSUE 1

Date of Issue: 17 March 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21399146	MIN-01	Total Coliforms confirmed	Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample.
21399146	MIN-01	Total Coliform presumpt	Only 90ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample.
21399146	MIN-01	TVC 22C 3 day	TVC Estimated.
21399146	MIN-01	TVC 37C 2 day	TVC Estimated.
21399146	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus faecalis and Enterococcus faecium.
21399146	MIN-01	TVC 37C 1 day	TVC Estimated.
21399146	MIN-01	Clostridium Perfringens, Pres	Only 75ml filtered for Clostridium perfringens due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399147	MIN-02A	Total Coliforms confirmed	Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample.
21399147	MIN-02A	Total Coliform presumpt	Only 70ml filtered for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample.
21399147	MIN-02A	TVC 22C 3 day	TVC Estimated.
21399147	MIN-02A	TVC 37C 2 day	TVC Estimated.
21399147	MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species.
21399147	MIN-02A	TVC 37C 1 day	TVC Estimated.
21399147	MIN-02A	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399148	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21399148	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21399148	MIN-02B	TVC 22C 3 day	TVC Estimated.
21399148	MIN-02B	TVC 37C 2 day	TVC Estimated.
21399148	MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus hirae.
21399148	MIN-02B	TVC 37C 1 day	TVC Estimated.
21399148	MIN-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399149	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21399149	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21399149	MIN-02C	TVC 22C 3 day	TVC Estimated.
21399149	MIN-02C	TVC 37C 2 day	TVC Estimated.
21399149	MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus hirae.
21399149	MIN-02C	TVC 37C 1 day	TVC Estimated.
21399149	MIN-02C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399150	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21399150	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21399150	MIN-03	TVC 22C 3 day	TVC Estimated.
21399150	MIN-03	TVC 37C 2 day	TVC Estimated.
21399150	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus hirae, Enterococcus faecium and Enterococcus faecalis.
21399150	MIN-03	TVC 37C 1 day	TVC Estimated.
21399150	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399151	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21399151	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21399151	MIN-04	TVC 22C 3 day	TVC Estimated.
21399151	MIN-04	TVC 37C 2 day	TVC Estimated.
21399151	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species.
21399151	MIN-04	TVC 37C 1 day	TVC Estimated.
21399151	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21399152	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21399152	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21399152	MIN-05	TVC 22C 3 day	TVC Estimated.
21399152	MIN-05	TVC 37C 2 day	TVC Estimated.

21399152	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus faecium.
21399152	MIN-05	TVC 37C 1 day	TVC Estimated.
21399152	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:		Name: 	Date: 17 March 2022
		Title: Organics Chemistry Manager	

Individuals' names and signatures redacted

Page Intentionally Left Blank

Certificate of Analysis

Report No.: 22-18312-1

Issue No.: 1

Date of Issue 22/03/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220302-106

Customer Reference: 220302-106

Quotation Reference: 220113/02

Description: 7 water samples

Date Received: 04/03/2022

Date Started: 18/03/2022

Date Completed: 21/03/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 22-18312-1

Customer Reference: 220302-106

Customer Order No: 220302-106

Customer Sample No	25907749	25907537	25907632	25907770	25907678	25907808	25907779
Customer Sample ID	MIN-01	MIN-02A	MIN-02B	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	485420	485421	485422	485423	485424	485425	485426
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022	01/03/2022

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-18312-1

Customer Reference: 220302-106

Customer Order No: 220302-106

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
485420	25907749		01/03/2022	500ml green glass bottle	No	
485421	25907537		01/03/2022	500ml green glass bottle	No	
485422	25907632		01/03/2022	500ml green glass bottle	No	
485423	25907770		01/03/2022	500ml green glass bottle	No	
485424	25907678		01/03/2022	500ml green glass bottle	No	
485425	25907808		01/03/2022	500ml green glass bottle	No	
485426	25907779		01/03/2022	500ml green glass bottle	No	

Report No.: 22-18312-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2222247	Issue Date	: 30-Mar-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220302-106	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 11-Mar-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 14-Mar-2022 - 30-Mar-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample PR2222247/010, method W-BRO3-IC - LOR for particular sample raised due to matrix interference.

Sample(s) PRPR2222247/038, 039 method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2222247/043-049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2222247/051-056, method W-PESLMS07 - LOR for particular sample(s) raised due to matrix interference.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 3.3.2022.

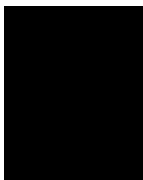
The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		25907587 MIN - 02B		25907850 MIN - 02B		25907652 MIN - 02B	
				Laboratory sample ID		PR2222247003		PR2222247010		PR2222247017	
				Client sampling date / time		03-Mar-2022 07:23		03-Mar-2022 07:56		03-Mar-2022 07:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<60.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907935 MIN - 02B		25907584 MIN - 02B	
				Laboratory sample ID		PR2222247024		PR2222247031		PR2222247038	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		03-Mar-2022 07:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.31	± 18.5%	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.012	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		



Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907935 MIN - 02B		25907584 MIN - 02B	
				Laboratory sample ID		PR2222247024		PR2222247031		PR2222247038	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		03-Mar-2022 07:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	0.035	± 30.0%		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907935 MIN - 02B		25907584 MIN - 02B	
				Laboratory sample ID		PR2222247024		PR2222247031		PR2222247038	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		03-Mar-2022 07:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.100	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.059	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907935 MIN - 02B		25907584 MIN - 02B	
				Laboratory sample ID		PR2222247024		PR2222247031		PR2222247038	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		03-Mar-2022 07:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907935 MIN - 02B		25907584 MIN - 02B	
				Laboratory sample ID		PR2222247024		PR2222247031		PR2222247038	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		03-Mar-2022 07:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		25907581 MIN - 02B		25907542 MIN - 02B		25907851 MIN - 02B	
				Laboratory sample ID		PR2222247045		PR2222247052		PR2222247059	
				Client sampling date / time		03-Mar-2022 07:23		03-Mar-2022 07:21		03-Mar-2022 07:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.052	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.015	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		25907581 MIN - 02B		25907542 MIN - 02B		25907851 MIN - 02B	
Laboratory sample ID				PR2222247045		PR2222247052		PR2222247059			
Client sampling date / time				03-Mar-2022 07:23		03-Mar-2022 07:21		03-Mar-2022 07:56			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.100	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.175	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.060	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.085	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25907581 MIN - 02B		25907542 MIN - 02B		25907851 MIN - 02B	
				Laboratory sample ID		PR2222247045		PR2222247052		PR2222247059	
				Client sampling date / time		03-Mar-2022 07:23		03-Mar-2022 07:21		03-Mar-2022 07:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.280	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907934 MIN - 02B		----	
				Laboratory sample ID		PR2222247066		PR2222247073		----	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		25907935 MIN - 02B		25907934 MIN - 02B		----	
				Laboratory sample ID		PR2222247066		PR2222247073		----	
				Client sampling date / time		03-Mar-2022 08:02		03-Mar-2022 08:02		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907755 MIN - 01		25907508 MIN - 02A		25907729 MIN - 02C	
				Laboratory sample ID		PR2222247001		PR2222247002		PR2222247004	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907683 MIN - 03		25907818 MIN - 04		25907784 MIN - 05	
				Laboratory sample ID		PR2222247005		PR2222247006		PR2222247007	
				Client sampling date / time		03-Mar-2022 07:29		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907847 MIN - 01		25907833 MIN - 02A		25907853 MIN - 02C	
				Laboratory sample ID		PR2222247008		PR2222247009		PR2222247011	
				Client sampling date / time		03-Mar-2022 07:55		03-Mar-2022 07:50		03-Mar-2022 07:57	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907855 MIN - 03		25907845 MIN - 04		25907857 MIN - 05	
				Laboratory sample ID		PR2222247012		PR2222247013		PR2222247014	
				Client sampling date / time		03-Mar-2022 07:57		03-Mar-2022 07:54		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907762 MIN - 01		25907658 MIN - 02A		25907498 MIN - 02C	
				Laboratory sample ID		PR2222247015		PR2222247016		PR2222247018	
				Client sampling date / time		03-Mar-2022 07:38		03-Mar-2022 07:27		03-Mar-2022 07:16	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907714 MIN - 03		25907814 MIN - 04		25907780 MIN - 05	
				Laboratory sample ID		PR2222247019		PR2222247020		PR2222247021	
				Client sampling date / time		03-Mar-2022 07:32		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID		25907714 MIN - 03		25907814 MIN - 04		25907780 MIN - 05	
				Laboratory sample ID		PR2222247019		PR2222247020		PR2222247021	
				Client sampling date / time		03-Mar-2022 07:32		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds - Continued											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907964 MIN - 01		25907960 MIN - 02A		25907918 MIN - 02C	
				Laboratory sample ID		PR2222247022		PR2222247023		PR2222247025	
				Client sampling date / time		03-Mar-2022 08:03		03-Mar-2022 08:03		03-Mar-2022 08:01	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.05	---	<0.04	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907901 MIN - 03		25907890 MIN - 04		25907862 MIN - 05	
				Laboratory sample ID		PR2222247026		PR2222247027		PR2222247028	
				Client sampling date / time		03-Mar-2022 08:00		03-Mar-2022 08:00		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.05	---	<0.06	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907964 MIN - 01		25907960 MIN - 02A		25907918 MIN - 02C	
				Laboratory sample ID		PR2222247029		PR2222247030		PR2222247032	
				Client sampling date / time		03-Mar-2022 08:03		03-Mar-2022 08:03		03-Mar-2022 08:01	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.22	± 21.4%	0.29	± 19.0%	0.30	± 18.8%		

Sub-Matrix: SURFACE WATER				Client sample ID		25907901 MIN - 03		25907890 MIN - 04		25907862 MIN - 05	
				Laboratory sample ID		PR2222247033		PR2222247034		PR2222247035	
				Client sampling date / time		03-Mar-2022 08:00		03-Mar-2022 08:00		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.30	± 18.8%	0.30	± 18.6%	0.32	± 18.2%		

Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
				Laboratory sample ID		PR2222247036		PR2222247037		PR2222247039	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamidiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
				Laboratory sample ID		PR2222247036		PR2222247037		PR2222247039	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.011	± 30.0%	0.012	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafof	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
				Laboratory sample ID		PR2222247036		PR2222247037		PR2222247039	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	0.014	± 30.0%	0.014	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	0.036	± 30.0%	0.044	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
				Laboratory sample ID		PR2222247036		PR2222247037		PR2222247039	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
Laboratory sample ID				PR2222247036		PR2222247037		PR2222247039			
Client sampling date / time				03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.017	± 30.0%	0.019	± 30.0%		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	0.014	± 30.0%	0.014	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907751 MIN - 01		25907507 MIN - 02A		25907728 MIN - 02C	
				Laboratory sample ID		PR2222247036		PR2222247037		PR2222247039	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907682 MIN - 03		25907817 MIN - 04		25907782 MIN - 05	
				Laboratory sample ID		PR2222247040		PR2222247041		PR2222247042	
				Client sampling date / time		03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	0.011	± 30.0%	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907682 MIN - 03		25907817 MIN - 04		25907782 MIN - 05	
Laboratory sample ID				PR2222247040		PR2222247041		PR2222247042			
Client sampling date / time				03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	0.045	---	± 35.0%	
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	0.011	± 30.0%	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907682 MIN - 03		25907817 MIN - 04		25907782 MIN - 05	
				Laboratory sample ID		PR2222247040		PR2222247041		PR2222247042	
				Client sampling date / time		03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.045	± 30.0%	0.049	± 30.0%	0.031	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907682 MIN - 03		25907817 MIN - 04		25907782 MIN - 05	
				Laboratory sample ID		PR2222247040		PR2222247041		PR2222247042	
				Client sampling date / time		03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	0.013	± 30.0%	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	0.015	± 30.0%		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907682 MIN - 03		25907817 MIN - 04		25907782 MIN - 05	
				Laboratory sample ID		PR2222247040		PR2222247041		PR2222247042	
				Client sampling date / time		03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	0.015	± 30.0%	0.012	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907750 MIN - 01		25907506 MIN - 02A		25907727 MIN - 02C	
				Laboratory sample ID		PR2222247043		PR2222247044		PR2222247046	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	<1.00	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.015	---	<0.015	---	<0.015	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.175	---	<0.175	---	<0.175	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907750 MIN - 01		25907506 MIN - 02A		25907727 MIN - 02C	
				Laboratory sample ID		PR2222247043		PR2222247044		PR2222247046	
				Client sampling date / time		03-Mar-2022 07:36		03-Mar-2022 07:18		03-Mar-2022 07:33	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.260	---	<0.040	---	<0.040	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---	<0.060	---
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	0.042	± 30.0%	0.038	± 30.0%	0.038	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.280	---	<0.280	---	<0.280	---	<0.280	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		25907680 MIN - 03		25907816 MIN - 04		25907781 MIN - 05	
				Laboratory sample ID		PR2222247047		PR2222247048		PR2222247049	
				Client sampling date / time		03-Mar-2022 07:28		03-Mar-2022 07:48		03-Mar-2022 07:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.00	---	<1.00	---	<1.00	---
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.015	---	<0.015	---	<0.015	---	<0.015	---
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.175	---	<0.175	---	<0.175	---	<0.175	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.300	---	<0.300	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---	<0.060	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---	<0.040	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---	<0.060	---
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	0.023	± 30.0%	<0.010	---	<0.010	---	<0.010	---
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.048	± 30.0%	0.021	± 30.0%	<0.010	---	<0.010	---
Picloram	W-PESLMS04	0.020	µg/L	<0.280	---	<0.280	---	<0.280	---	<0.280	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.050	---	<0.100	---	<0.050	---	<0.050	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		25907763 MIN - 01		25907645 MIN - 02A		25907502 MIN - 02C	
				Laboratory sample ID		PR2222247050		PR2222247051		PR2222247053	
				Client sampling date / time		03-Mar-2022 07:38		03-Mar-2022 07:27		03-Mar-2022 07:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		2590763 MIN - 01		25907645 MIN - 02A		25907502 MIN - 02C	
				Laboratory sample ID		PR2222247050		PR2222247051		PR2222247053	
				Client sampling date / time		03-Mar-2022 07:38		03-Mar-2022 07:27		03-Mar-2022 07:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.100	---	<0.100	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	0.050	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907763 MIN - 01		25907645 MIN - 02A		25907502 MIN - 02C	
				Laboratory sample ID		PR2222247050		PR2222247051		PR2222247053	
				Client sampling date / time		03-Mar-2022 07:38		03-Mar-2022 07:27		03-Mar-2022 07:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907708 MIN - 03		25907801 MIN - 04		25907813 MIN - 05	
				Laboratory sample ID		PR2222247054		PR2222247055		PR2222247056	
				Client sampling date / time		03-Mar-2022 07:31		03-Mar-2022 07:46		03-Mar-2022 07:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.100	---	<0.100	---	<0.100	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	0.082	± 30.0%	0.109	± 30.0%		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		25907708 MIN - 03		25907801 MIN - 04		25907813 MIN - 05	
				Laboratory sample ID		PR2222247054		PR2222247055		PR2222247056	
				Client sampling date / time		03-Mar-2022 07:31		03-Mar-2022 07:46		03-Mar-2022 07:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.051	± 30.0%	0.055	± 30.0%	<0.050	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907848 MIN - 01		25907834 MIN - 02A		25907854 MIN - 02C	
				Laboratory sample ID		PR2222247057		PR2222247058		PR2222247060	
				Client sampling date / time		03-Mar-2022 07:55		03-Mar-2022 07:51		03-Mar-2022 07:57	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.050	---	0.150	± 35.0%	0.160	± 30.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		25907856 MIN - 03		25907846 MIN - 04		25907859 MIN - 05	
				Laboratory sample ID		PR2222247061		PR2222247062		PR2222247063	



Sub-Matrix: SURFACE WATER				Client sample ID		25907856 MIN - 03		25907846 MIN - 04		25907859 MIN - 05	
				Laboratory sample ID		PR2222247061		PR2222247062		PR2222247063	
				Client sampling date / time		03-Mar-2022 07:57		03-Mar-2022 07:54		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.290	± 20.0%	0.280	± 20.0%	0.220	± 35.0%	0.220	± 35.0%
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		25907964 MIN - 01		25907960 MIN - 02A		25907918 MIN - 02C	
				Laboratory sample ID		PR2222247064		PR2222247065		PR2222247067	
				Client sampling date / time		03-Mar-2022 08:03		03-Mar-2022 08:03		03-Mar-2022 08:01	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25907901 MIN - 03		25907890 MIN - 04		25907862 MIN - 05	
				Laboratory sample ID		PR2222247068		PR2222247069		PR2222247070	
				Client sampling date / time		03-Mar-2022 08:00		03-Mar-2022 08:00		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.23	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.23	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		25907962 MIN - 01		25907959 MIN - 02A		25907916 MIN - 02C	
				Laboratory sample ID		PR2222247071		PR2222247072		PR2222247074	
				Client sampling date / time		03-Mar-2022 08:03		03-Mar-2022 08:03		03-Mar-2022 08:01	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID			25907899		25907888		25907861	
				Laboratory sample ID			MIN - 03		MIN - 04		MIN - 05	
				Client sampling date / time			PR2222247075		PR2222247076		PR2222247077	
							03-Mar-2022 08:00		03-Mar-2022 07:59		03-Mar-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Radiological Parameters												
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---			

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 220302-106	Client Reference: 60663957	Report Number: 640894
Location: Minworth	Order Number: 60663	Superseded Report:

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528700

Fax: (01244) 528701

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 19 April 2022
Customer: Aecom
Sample Delivery Group (SDG): 220323-101
Your Reference: 60663957
Location: Minworth
Report No: 642704
Order Number: 60663

This report has been revised and directly supersedes 640477 in its entirety.

We received 7 samples on Wednesday March 23, 2022 and 7 of these samples were scheduled for analysis which was completed on Tuesday April 19, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

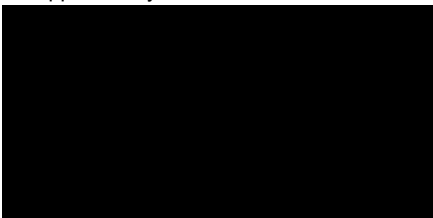
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
26015191	MIN-01			22/03/2022
26015195	MIN-03			22/03/2022
26015197	MIN-04			22/03/2022
26015198	MIN-05			22/03/2022
26015192	MIN-02A			22/03/2022
26015193	MIN-02B			22/03/2022
26015194	MIN-02C			22/03/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	26015191	26015195	26015197	26015198	26015192	26015193	26015194
Customer Sample Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	MIN-02C
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	SW	SW	SW	SW	TS	SW

Gross Alpha Activity*	All	NDPs: 0 Tests: 7									
			X	X	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7									
			X	X	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7									
			X	X	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 7									
			X	X	X	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend	Lab Sample No(s)		26015191														26015195					
	Customer Sample Reference		MIN-01														MIN-03					
AGS Reference																						
Depth (m)																						
Sample Type		Container																				
		0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X																			X
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X																			X
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7			X																	X
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7						X														X
Anions by ion Chromatography	All	NDPs: 0 Tests: 7			X																	X
Anions by Kone (w)	All	NDPs: 0 Tests: 7			X																	X
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7			X																	X
Bromate by IC*	All	NDPs: 0 Tests: 7			X																	X
Chlormequat*	All	NDPs: 0 Tests: 7	X																			X
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7					X															X
Clostridium Perfringens*	All	NDPs: 0 Tests: 7					X															X
Colour Test	All	NDPs: 0 Tests: 7			X																	X
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7			X																	X
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7					X															X
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7																				X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend	Lab Sample No(s)		26015191														26015195							
	Customer Sample Reference		MIN-01														MIN-03							
AGS Reference																								
Depth (m)																								
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE227)	250ml Amber GI. PTFE/PE (ALE219)	1plastic (ALE221)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	PTFE/PE (ALE219)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Cyanobacteria (Blue Green algae)*	All	NDPs: 1 Tests: 6	N											X										
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7						X													X			
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X										X											
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X										X											
Escherichia Coli*	All	NDPs: 0 Tests: 7					X											X						
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7					X											X						
Fluoride	All	NDPs: 0 Tests: 7				X												X						
Glyphosate and AMPA	All	NDPs: 0 Tests: 7					X											X						
Mercury Dissolved	All	NDPs: 0 Tests: 7																						X
Metaldehyde	All	NDPs: 0 Tests: 7	X																					X
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7																						X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7																						
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7	X																					X
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X																					X
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7	X																					X

26015198	MIN-05		Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			NaOH (ALE245)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			HNO3 Unfiltered (ALE204)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			HNO3 Filtered (ALE204)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			H2SO4 (ALE244)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			500ml Plastic (ALE208)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			330ml plastic bottle (ALE503)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			250ml Amber Gl. PTFE/PE (ALE219)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			1plastic (ALE221)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			0.5l glass bottle (ALE227)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			NaOH (ALE245)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			HNO3 Unfiltered (ALE204)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			HNO3 Filtered (ALE204)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			H2SO4 (ALE244)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			500ml Plastic (ALE208)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			330ml plastic bottle (ALE503)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			250ml Amber Gl. PTFE/PE (ALE219)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			1plastic (ALE221)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			0.5l glass bottle (ALE227)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
26015197	MIN-04		Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																	
			NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																							
			HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																													
			HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																			
			H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																									
			500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																															
			330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																					
			250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																											
			1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																	
			0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																							
			Vial (ALE297)	SW																					NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																													
			NaOH (ALE245)	SW																					HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																			
			HNO3 Unfiltered (ALE204)	SW																					HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																									
			HNO3 Filtered (ALE204)	SW																					H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																															
			H2SO4 (ALE244)	SW																					500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																					
			500ml Plastic (ALE208)	SW																					330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																											
			330ml plastic bottle (ALE503)	SW																					250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																	
			250ml Amber Gl. PTFE/PE (ALE219)	SW																					1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																							
			1plastic (ALE221)	SW																					0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																													
			0.5l glass bottle (ALE227)	SW																					Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Vial (ALE297)	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend <div style="font-size: 1.2em; font-weight: bold; margin-bottom: 5px;">X</div> Test <div style="font-size: 1.2em; font-weight: bold; margin-bottom: 5px;">N</div> No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	26015195																		
	Customer Sample Reference	MIN-03																		
	AGS Reference																			
	Depth (m)																			
	Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X								X								
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X								X									
pH Value	All	NDPs: 0 Tests: 7		X									X							
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7		X									X							
Total Coliforms(W)*	All	NDPs: 0 Tests: 7			X								X							
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7							X										X	
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7						X							X					
Turbidity in waters	All	NDPs: 0 Tests: 7		X									X							
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7			X									X						
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7			X									X						
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7			X									X						
VOC MS (W)	All	NDPs: 0 Tests: 7								X										

26015198	MIN-05			Vial (ALE297)	SW																	X						
				NaOH (ALE245)	SW																							
				HNO3 Unfiltered (ALE204)	SW																							
				HNO3 Filtered (ALE204)	SW																							
				H2SO4 (ALE244)	SW																							
				500ml Plastic (ALE208)	SW																							
				330ml plastic bottle (ALE503)	SW																							
				250ml Amber Gl. PTFE/PE (ALE219)	SW																							
				1plastic (ALE221)	SW																							
				0.5l glass bottle (ALE227)	SW		X																					
				Vial (ALE297)	SW																					X		
				NaOH (ALE245)	SW																							
				HNO3 Unfiltered (ALE204)	SW																							
				HNO3 Filtered (ALE204)	SW																							
H2SO4 (ALE244)	SW																											
500ml Plastic (ALE208)	SW																											
330ml plastic bottle (ALE503)	SW																											
250ml Amber Gl. PTFE/PE (ALE219)	SW																											
1plastic (ALE221)	SW																											
0.5l glass bottle (ALE227)	SW																											
Vial (ALE297)	SW		X																									
26015195	MIN-03			Vial (ALE297)	SW																		X					
				NaOH (ALE245)	SW																							
				HNO3 Unfiltered (ALE204)	SW																							
				HNO3 Filtered (ALE204)	SW																							
				H2SO4 (ALE244)	SW																							
				500ml Plastic (ALE208)	SW																							
				330ml plastic bottle (ALE503)	SW																							
				250ml Amber Gl. PTFE/PE (ALE219)	SW																							
				1plastic (ALE221)	SW																							
				0.5l glass bottle (ALE227)	SW																							
				Vial (ALE297)	SW		X																					
				NaOH (ALE245)	SW																							
				HNO3 Unfiltered (ALE204)	SW																							
				HNO3 Filtered (ALE204)	SW																							
H2SO4 (ALE244)	SW																											
500ml Plastic (ALE208)	SW																											
330ml plastic bottle (ALE503)	SW																											
250ml Amber Gl. PTFE/PE (ALE219)	SW																											
1plastic (ALE221)	SW																											
0.5l glass bottle (ALE227)	SW																											
Vial (ALE297)	SW		X																									



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend	Lab Sample No(s)		26015192														26015193							
	Customer Sample Reference		MIN-02A														MIN-02B							
AGS Reference																								
Depth (m)																								
Container		0.5l glass bottle (ALE227)	0.5l glass bottle (ALE221)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	0.5l glass bottle (ALE221)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X										X											
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X										X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7				X										X								
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7						X									X							
Anions by ion Chromatography	All	NDPs: 0 Tests: 7				X										X								
Anions by Kone (w)	All	NDPs: 0 Tests: 7				X										X								
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7				X										X								
Bromate by IC*	All	NDPs: 0 Tests: 7				X										X								
Chlormequat*	All	NDPs: 0 Tests: 7	X										X											
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7					X										X							
Clostridium Perfringens*	All	NDPs: 0 Tests: 7					X										X							
Colour Test	All	NDPs: 0 Tests: 7				X										X								
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 7				X										X								
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7					X										X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7									X												X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend <input checked="" type="checkbox"/> Test <input checked="" type="checkbox"/> No Determination Possible Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type	26015192	26015193	
						0.5l glass bottle (ALE227)	SW		
						1plastic (ALE221)	SW		
						250ml Amber GI. PTFE/PE (ALE219)	SW		
						330ml plastic bottle (ALE503)	SW		
						500ml Plastic (ALE208)	SW		
						NaOH (ALE245)	SW		
					HNO3 Unfiltered (ALE204)	SW			
					HNO3 Filtered (ALE204)	SW			
					H2SO4 (ALE244)	SW			
					0.5l glass bottle (ALE227)	TS			
					Vial (ALE297)	SW			
					1plastic (ALE221)	TS			
					250ml Amber GI. PTFE/PE (ALE219)	TS			
					330ml plastic bottle (ALE503)	TS			
					500ml Plastic (ALE208)	TS			
					H2SO4 (ALE244)	TS			
					HNO3 Filtered (ALE204)	TS			
					HNO3 Unfiltered (ALE204)	TS			
					NaOH (ALE245)	TS			
Cyanobacteria (Blue Green algae)*	All	NDPs: 1 Tests: 6			X			X	
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7					X		
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7		X			X		
Epichlorohydrin*	All	NDPs: 0 Tests: 7		X			X		
Escherichia Coli*	All	NDPs: 0 Tests: 7			X			X	
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7			X			X	
Fluoride	All	NDPs: 0 Tests: 7			X			X	
Glyphosate and AMPA	All	NDPs: 0 Tests: 7			X			X	
Mercury Dissolved	All	NDPs: 0 Tests: 7				X		X	
Metaldehyde	All	NDPs: 0 Tests: 7		X			X		
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7				X		X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7			X			X	
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7		X			X		
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7		X			X		
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7		X			X		

26015194	MIN-02C			Vial (ALE297)	SW																				
				NaOH (ALE245)	SW																				
				HNO3 Unfiltered (ALE204)	SW																				
				HNO3 Filtered (ALE204)	SW					X															
				H2SO4 (ALE244)	SW																				
				500ml Plastic (ALE208)	SW											X									
				330ml plastic bottle (ALE503)	SW											X									
				250ml Amber Gl. PTFE/PE (ALE219)	SW												X								
				1plastic (ALE221)	SW																				X
				0.5l glass bottle (ALE227)	SW					X															
				Vial (ALE297)	TS																				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center; gap: 5px;"> X Test </div> <div style="display: flex; align-items: center; gap: 5px;"> N No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)													26015192	26015193							
	Customer Sample Reference													MIN-02A	MIN-02B							
	AGS Reference																					
	Depth (m)																					
	Container	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)		
	Sample Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	TS	TS	TS	TS	TS	TS	TS	TS	TS		
			NDPs: 0 Tests: 7																			
Pesticides by GCMS (W-PESLMS02LL)*	All		X								X											
Pesticides by GCMS (W-PESLMS07)*	All		X								X											
pH Value	All				X									X								
Phosphate by Kone (w)	All				X									X								
Total Coliforms(W)*	All					X								X								
Total Metals by ICP-MS	All								X										X			
Total Organic and Inorganic Carbon	All							X									X					
Turbidity in waters	All				X									X								
TVC 22C 3 day (W)*	All					X									X							
TVC 37C 1 day (W)*	All					X									X							
TVC 37C 2 day (W)*	All					X									X							
VOC MS (W)	All										X											

26015194	MIN-02C			Vial (ALE297)	SW															X				
26015193	MIN-02B			NaOH (ALE245)	SW																X			
				HNO3 Unfiltered (ALE204)	SW							X											X	
				HNO3 Filtered (ALE204)	SW																			
				H2SO4 (ALE244)	SW								X											
				500ml Plastic (ALE208)	SW									X										
				330ml plastic bottle (ALE503)	SW										X									
				250ml Amber Gl. PTFE/PE (ALE219)	SW										X									
				1plastic (ALE221)	SW											X								
				0.5l glass bottle (ALE227)	SW																			X
				Vial (ALE297)	TS																			X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B		
			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
			22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	
			15:16:00	11:29:00	10:43:00	09:32:00	14:45:00	14:04:00	14:04:00	
			23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	
			220323-101	220323-101	220323-101	220323-101	220323-101	220323-101	220323-101	
			26015191	26015195	26015197	26015198	26015192	26015192	26015193	
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2,3,6-TBA*	<0.1 µg/l	SUB	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	8.95	<7	9.64	9.38	8.81	<7	<7	
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.971	<0.926	<0.971	<1.02	<0.952	<0.952	<0.952	
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB		0	0	0	0	0	0	
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	87	>100	>100	>100	>100	>100	>100	
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.06	<0.04	<0.04	<0.04	<0.06	<0.06	<0.05	
Gross Beta Activity*	<0.1 Bq/l	SUB	0.36	0.36	0.33	0.26	0.35	0.47	0.47	
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	533	988	689	455	>1000	>1000	>1000	
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	254	650	443	483	445	>1000	>1000	
2,4,5-T*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Amidithion*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	87	>100	>100	>100	>100	>100	>100	
Giardia (B0X)*	<0 cysts/10L	SUB	<0.971	<0.926	<0.971	<1.02	0.952	<0.952	<0.952	
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Anilazine*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.05	0.315	0.221	0.204	0.281	<0.05	<0.05
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentazine*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cyflufenamid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Desmedipham*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Etoxadole*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Famoxadone*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluroxypyr*	<0.02 µg/l	SUB	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	0.013	0.021	0.016	0.046	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
BAM*	<0.01 µg/l	SUB	0.018	0.012	0.014	0.012	0.017	0.014	
Fluquinconazole*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
4-(4-Chloro-o-toloxly) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.04	<0.02	<0.02	<0.04	<0.04	
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Fosthiazate*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Furalaxyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MCPP (isomers)*	<0.01 µg/l	SUB	0.024	0.034	0.026	0.026	0.061	0.011	
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Picloram*	<0.02 µg/l	SUB	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Imidacloprid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.15	<0.32	<0.32	<0.32	<0.07	<0.15	
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Triclopyr*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Imidacloprid urea*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Metrafenone*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Myclobutanil*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Norflurazon*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxadiazon*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Oxyfluorfen*	<0.05 µg/l	SUB	<1	<1	<1	<1	<1	<1	
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	0.042	0.034	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	0.037	0.048	<0.03	<0.15	<0.15
Thiacloprid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuror*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trietazine*	<0.05 µg/l	SUB	<1	<1	<1	<1	<1	<1	<1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorimid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	0.018	<0.01
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
Component	LOD/Units	Method						
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.036	<0.06	<0.05	0.034	0.06	<0.08
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfil Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	200	130	150	170	150	90	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.56	10.1	9.34	8.17	10.2	9.06	#
Organic Carbon, Total	<3 mg/l	TM090	6.05	10.3	10.5	7.41	9.86	9.08	#
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.288	0.521	<0.2	0.336	0.571	0.596	#
Fluoride	<0.5 mg/l	TM104	<0.5	<0.5	<0.5	<0.5	0.522	0.606	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.833	0.757	0.758	0.847	0.812	0.648	#
Aluminium (diss.filt)	<10 µg/l	TM152	<10	<10	<10	<10	10.3	<10	#
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.33	1.28	1.55	1.29	1.31	0.78	#
Boron (diss.filt)	<10 µg/l	TM152	299	188	176	148	281	113	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	#
Chromium (diss.filt)	<1 µg/l	TM152	2.23	1.29	1.36	<1	2.09	<1	#
Copper (diss.filt)	<0.3 µg/l	TM152	3.9	2.62	3.36	3.64	3.39	0.642	#
Lead (diss.filt)	<0.2 µg/l	TM152	<0.2	<0.2	0.457	0.241	<0.2	<0.2	#
Manganese (diss.filt)	<3 µg/l	TM152	61	98.2	78.6	44.5	78.9	74.2	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	106	323	284	393	303	610	#
Nickel (diss.filt)	<0.4 µg/l	TM152	12.6	12.7	9.97	6.34	24.2	8.79	#
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	54.6	52.6	48.5	48.7	66.1	51.6	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.087	0.0615	0.0473	0.0374	0.0679	0.0448	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	317	248	276	335	259	187	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
Nitrite as NO2	<0.05 mg/l	TM184	0.212	0.911	0.426	0.369	0.969	0.707	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.126	0.586	0.511	0.823	0.278	1.49	#
Sulphate	<2 mg/l	TM184	118	94	103	128	101	86.9	#
Chloride	<2 mg/l	TM184	85.1	83.3	72.2	81.3	98.4	81.3	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0411	0.191	0.167	0.269	0.0907	0.485	#
Nitrate as NO3	<0.3 mg/l	TM184	31.2	51.6	41.5	45.5	48.3	37.1	#
Turbidity	<0.1 ntu	TM195	3.01	3.91	4.35	4.76	3.43	1.96	◆ #
Bromide	<0.06 mg/l	TM226	0.188	0.178	0.132	0.15	0.291	0.142	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	#
pH	<1 pH Units	TM256	8.38	7.8	7.97	8.1	7.92	7.33	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.768	0.695	0.7	0.769	0.753	0.607	#
Salinity	<2	TM256	<2	<2	<2	<2	<2	<2	#
Apparent Colour	<1 mg/l Pt/Co	TM261	21.2	33.6	28.2	31.4	32.7	24	#
True Colour	<1 mg/l Pt/Co	TM261	9.84	21.3	18.8	17.2	21.1	15.8	#
Trifluralin	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
alpha-HCH	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Heptachlor	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Aldrin	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
beta-HCH	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Isodrin	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.02	<0.015	<0.01	#
delta-HCH	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Heptachlor epoxide	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
o,p'-DDE	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endosulphan I	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
trans-Chlordane	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
cis-Chlordane	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
p,p'-DDE	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Dieldrin	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endrin	<0.01 µg/l	TM343	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	#
o,p'-DDT	<0.01 µg/l	TM343	<0.06	<0.01	<0.01	<0.01	<0.06	<0.01	#
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endosulphan II	<0.02 µg/l	TM343	<0.03	<0.02	<0.02	<0.02	<0.03	<0.02	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
p,p'-DDT	<0.01 µg/l	TM343	<0.09	<0.01	<0.01	<0.01	<0.01	<0.09	<0.01
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.12	<0.01	<0.01	<0.01	<0.01	<0.12	<0.01
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.06	<0.02	<0.02	<0.02	<0.02	<0.06	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.015	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	<0.015	<0.01	0.0205	<0.015	<0.01	<0.01	<0.01
Atrazine	<0.01 µg/l	TM344	0.0436	0.0182	0.0171	<0.015	0.0463	<0.01	<0.01
Simazine	<0.01 µg/l	TM344	<0.015	0.0564	0.0577	0.0512	0.0732	0.131	<0.01
Disulfoton	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Parathion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Chlorfenvinphos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
trans-Chlordane	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
cis-Chlordane	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Ethion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Carbophenothion	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Triazophos	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Phosalone	<0.01 µg/l	TM344	<0.015	<0.01	<0.01	<0.015	<0.01	<0.01	
Azinphos methyl	<0.02 µg/l	TM344	<0.03	<0.02	<0.02	<0.03	<0.02	<0.02	
Azinphos ethyl	<0.02 µg/l	TM344	<0.03	<0.02	<0.02	<0.03	<0.02	<0.02	
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Quintozone (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.05	<0.01	<0.015	
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Etrimpfos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.03	<0.01	<0.015	
Glyphosate	<0.1 µg/l	TM413	<0.1	0.244	0.163	0.104	0.205	<0.1	
AMPA	<0.1 µg/l	TM413	<0.1	0.294	0.199	<0.1	0.411	<0.1	
Metalddehyde	<10 ng/l	TM416	<10	<10	<10	<15	<10	<15	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194			
Component	LOD/Units	Method				
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1.1			
2-isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.5			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	<7			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<1.01			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.5			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	962			
2,4,5-T*	<0.01 µg/l	SUB	<0.01			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.5			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>90			
Giardia (B0X)*	<0 cysts/10L	SUB	<1.01			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.5			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

#	Customer Sample Ref.	MIN-02C	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>									
<div style="font-size: small;"> Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194 </div>									
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100						
I-131*	<0.05 Bq/l	SUB	0.234						
K-40*	<2 Bq/l	SUB	<2						
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100						
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01						
Acetamiprid*	<0.01 µg/l	SUB	<0.01						
Am-241*	<0.5 Bq/l	SUB	<0.5						
Azaconazole*	<0.05 µg/l	SUB	<0.5						
Pa-231*	<1 Bq/l	SUB	<1						
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02						
Acetochlor*	<0.03 µg/l	SUB	<0.03						
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.5						
Ra-223*	<0.2 Bq/l	SUB	<0.2						
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01						
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03						
Buprofezinil*	<0.05 µg/l	SUB	<0.5						
Ra-226*	<0.2 Bq/l	SUB	<0.2						
4-CPP*	<0.01 µg/l	SUB	<0.01						
Aclonifen*	<0.03 µg/l	SUB	<0.03						
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.5						
Ra-228*	<0.2 Bq/l	SUB	<0.2						
Acifluorfen*	<0.01 µg/l	SUB	<0.01						
Alachlor*	<0.02 µg/l	SUB	<0.02						
Clofentazine*	<0.05 µg/l	SUB	<0.5						
Th-227*	<0.2 Bq/l	SUB	<0.2						
Aldicarb*	<0.05 µg/l	SUB	<0.05						
Aminopyralid*	<0.05 µg/l	SUB	<0.2						
Cyflufenamid*	<0.05 µg/l	SUB	<0.5						
Th-228*	<0.2 Bq/l	SUB	<0.2						
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01						
Benzazolin*	<0.05 µg/l	SUB	<0.05						
Desmedipham*	<0.05 µg/l	SUB	<0.5						
Th-230*	<10 Bq/l	SUB	<10						



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.01				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.5				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.01				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.5				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.36				
Etoxadole*	<0.05 µg/l	SUB	<0.5				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.12				
Famoxadone*	<0.05 µg/l	SUB	<0.5				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.02				
Famphur*	<0.05 µg/l	SUB	<0.5				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.02				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.5				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.04				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.5				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.03				
Fenothiocarb*	<0.05 µg/l	SUB	<0.5				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.5				
Fluroxypyr*	<0.02 µg/l	SUB	<0.07				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.5				
loxynil*	<0.01 µg/l	SUB	<0.01				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	0.026				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-02C Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	0.017				
Fluquinconazole*	<0.05 µg/l	SUB	<0.5				
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.04				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.5				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.5				
MCPP (isomers)*	<0.01 µg/l	SUB	0.052				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.5				
Picloram*	<0.02 µg/l	SUB	<0.36				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	<0.5				
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.32				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.5				
Triclopyr*	<0.03 µg/l	SUB	<0.03				
Bitertanol*	<0.02 µg/l	SUB	<0.02				
Imidacloprid urea*	<0.05 µg/l	SUB	<0.5				
Triclosan*	<0.05 µg/l	SUB	<0.05				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.5				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.5				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.5				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.5				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.5				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<1				
Carbetamide*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.5				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.5				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.5				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.5				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.5				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.5				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.5				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.5				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.5				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafuron*	<0.05 µg/l	SUB	<0.5				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.5				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.5				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.5				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.5				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.5				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflumuron*	<0.05 µg/l	SUB	<0.5				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.5				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.5				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.5				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.5				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.5				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.5				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.5				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.5				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.5				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.5				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.5				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.5				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.5				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.5				
Trietazine*	<0.05 µg/l	SUB	<1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.5				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.5				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.5				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.5				
Dichlormid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.5				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxyuron*	<0.02 µg/l	SUB	<0.02				
Diflubenuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.015				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfothion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss. fil Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	<0.05				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.04				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.059				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend	Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method				
Mandipropamid*	<0.02 µg/l	SUB	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05			
Metolaxyl (isomers)*	<0.01 µg/l	SUB	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend		Customer Sample Ref.	MIN-02C				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	. Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Prochloraz*	<0.02 µg/l	SUB	<0.02				
Prodiamine*	<0.05 µg/l	SUB	<0.05				
Profenofos*	<0.01 µg/l	SUB	<0.01				
Promecarb*	<0.01 µg/l	SUB	<0.01				
Prometon*	<0.02 µg/l	SUB	<0.02				
Prometryn*	<0.01 µg/l	SUB	<0.01				
Propachlor*	<0.01 µg/l	SUB	<0.01				
Propamocarb*	<0.03 µg/l	SUB	<0.03				
Propanil*	<0.03 µg/l	SUB	<0.03				
Propaquizafop*	<0.03 µg/l	SUB	<0.03				
Propazine*	<0.01 µg/l	SUB	<0.01				
Propham*	<0.05 µg/l	SUB	<0.1				
Propiconazole*	<0.01 µg/l	SUB	<0.01				
Propoxur*	<0.01 µg/l	SUB	<0.01				
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Customer Sample Ref. Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN-02C Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	<0.01				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

#	Customer Sample Ref.	MIN-02C				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# @ Sample deviation (see appendix) </div>						
	Depth (m)	Surface Water (SW)				
	Sample Type	22/03/2022				
	Date Sampled	12:33:00				
	Sample Time	23/03/2022				
	Date Received	220323-101				
	SDG Ref	26015194				
	Lab Sample No.(s)					
	AGS Reference					
Component	LOD/Units	Method				
Triadimenol*	<0.01 µg/l	SUB	<0.01			
Tri-allate*	<0.05 µg/l	SUB	<0.05			
Triasulfuron*	<0.02 µg/l	SUB	<0.02			
Triazophos*	<0.02 µg/l	SUB	<0.02			
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01			
Tricyclazole*	<0.01 µg/l	SUB	<0.01			
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01			
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01			
Triforine*	<0.05 µg/l	SUB	<0.05			
Triticonazole*	<0.01 µg/l	SUB	<0.01			
Alkalinity, Total as CaCO3	<2 mg/l	TM043	145	#		
Carbon, Organic (diss.filt)	<3 mg/l	TM090	9.96	#		
Organic Carbon, Total	<3 mg/l	TM090	7.9	#		
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.562	#		
Fluoride	<0.5 mg/l	TM104	<0.5	#		
Conductivity @ 20 deg.C	<0.02 mS/cm	TM120	0.81	#		
Aluminium (diss.filt)	<10 µg/l	TM152	<10	#		
Antimony (diss.filt)	<1 µg/l	TM152	<1	#		
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.24	#		
Boron (diss.filt)	<10 µg/l	TM152	258	#		
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#		
Chromium (diss.filt)	<1 µg/l	TM152	1.8	#		
Copper (diss.filt)	<0.3 µg/l	TM152	3.3	#		
Lead (diss.filt)	<0.2 µg/l	TM152	0.27	#		
Manganese (diss.filt)	<3 µg/l	TM152	78.7	#		
Phosphorus (tot.unfilt)	<20 µg/l	TM152	341	#		
Nickel (diss.filt)	<0.4 µg/l	TM152	21	#		
Selenium (diss.filt)	<1 µg/l	TM152	<1	#		
Sodium (Dis.Filt)	<0.076 mg/l	TM152	62.6	#		
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0728	#		
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	249	#		
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	#		
Nitrite as NO2	<0.05 mg/l	TM184	0.997	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

#	Customer Sample Ref.	MIN-02C				
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>						
		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194			
Component	LOD/Units	Method				
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.402	#		
Sulphate	<2 mg/l	TM184	99.9	#		
Chloride	<2 mg/l	TM184	94.2	#		
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.131	#		
Nitrate as NO3	<0.3 mg/l	TM184	46.8			
Turbidity	<0.1 ntu	TM195	2.02	◆ #		
Bromide	<0.06 mg/l	TM226	0.347	#		
Cyanide, Total	<0.05 mg/l	TM227	<0.05			
pH	<1 pH Units	TM256	7.73	#		
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.742	#		
Salinity	<2	TM256	<2			
Apparent Colour	<1 mg/l Pt/Co	TM261	30.4			
True Colour	<1 mg/l Pt/Co	TM261	20.3			
Trifluralin	<0.01 µg/l	TM343	<0.01			
alpha-HCH	<0.01 µg/l	TM343	<0.01			
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01			
Heptachlor	<0.01 µg/l	TM343	<0.01			
Aldrin	<0.01 µg/l	TM343	<0.01			
beta-HCH	<0.01 µg/l	TM343	<0.01			
Isodrin	<0.01 µg/l	TM343	<0.01			
delta-HCH	<0.01 µg/l	TM343	<0.01			
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01			
o,p'-DDE	<0.01 µg/l	TM343	<0.01			
Endosulphan I	<0.01 µg/l	TM343	<0.01			
trans-Chlordane	<0.01 µg/l	TM343	<0.01			
cis-Chlordane	<0.01 µg/l	TM343	<0.01			
p,p'-DDE	<0.01 µg/l	TM343	<0.01			
Dieldrin	<0.01 µg/l	TM343	<0.01			
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01			
Endrin	<0.01 µg/l	TM343	<0.01			
o,p'-DDT	<0.01 µg/l	TM343	<0.01			
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01			
Endosulphan II	<0.02 µg/l	TM343	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

#	Customer Sample Ref.	MIN-02C	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)
<div style="font-size: small;"> Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix) </div>									
Component	LOD/Units	Method							
p,p'-DDT	<0.01 µg/l	TM343	<0.01	Surface Water (SW)	22/03/2022	12:33:00	23/03/2022	220323-101	26015194
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01						
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01						
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02						
Permethrin I	<0.01 µg/l	TM343	<0.01						
Permethrin II	<0.01 µg/l	TM343	<0.01						
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01						
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01						
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01						
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01						
Dichlorvos	<0.01 µg/l	TM344	<0.01						
Dichlobenil	<0.01 µg/l	TM344	<0.01						
Mevinphos	<0.01 µg/l	TM344	<0.01						
Tecnazene	<0.01 µg/l	TM344	<0.01						
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01						
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01						
Phorate	<0.01 µg/l	TM344	<0.01						
Diazinon	<0.01 µg/l	TM344	<0.01						
Triallate	<0.01 µg/l	TM344	<0.01						
Atrazine	<0.01 µg/l	TM344	0.0256						
Simazine	<0.01 µg/l	TM344	0.0739						
Disulfoton	<0.01 µg/l	TM344	<0.01						
Propetamphos	<0.01 µg/l	TM344	<0.01						
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01						
Dimethoate	<0.01 µg/l	TM344	<0.01						
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01						
Chlorpyrifos	<0.01 µg/l	TM344	<0.01						
Methyl Parathion	<0.01 µg/l	TM344	<0.01						
Malathion	<0.01 µg/l	TM344	<0.01						
Fenthion	<0.01 µg/l	TM344	<0.01						
Fenitrothion	<0.01 µg/l	TM344	<0.01						
Triadimefon	<0.01 µg/l	TM344	<0.01						
Pendimethalin	<0.01 µg/l	TM344	<0.01						



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

#	Customer Sample Ref.	MIN-02C			
Results Legend # ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194			
Component	LOD/Units	Method			
Parathion	<0.01 µg/l	TM344	<0.01		
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01		
trans-Chlordane	<0.01 µg/l	TM344	<0.01		
cis-Chlordane	<0.01 µg/l	TM344	<0.01		
Ethion	<0.01 µg/l	TM344	<0.01		
Carbophenothion	<0.01 µg/l	TM344	<0.01		
Triazophos	<0.01 µg/l	TM344	<0.01		
Phosalone	<0.01 µg/l	TM344	<0.01		
Azinphos methyl	<0.02 µg/l	TM344	<0.02		
Azinphos ethyl	<0.02 µg/l	TM344	<0.02		
Etridiazole	<0.01 µg/l	TM345	<0.01		
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01		
Propachlor	<0.01 µg/l	TM345	<0.01		
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01		
Omethoate	<0.01 µg/l	TM345	<0.01		
Propazine	<0.01 µg/l	TM345	<0.01		
Propyzamide	<0.01 µg/l	TM345	<0.01		
Alachlor	<0.01 µg/l	TM345	<0.01		
Prometryn	<0.01 µg/l	TM345	<0.01		
Telodrin	<0.01 µg/l	TM345	<0.01		
Terbutryn	<0.01 µg/l	TM345	<0.01		
Chlorothalonil	<0.01 µg/l	TM345	<0.01		
Etrimpfos	<0.01 µg/l	TM345	<0.01		
Metazachlor	<0.01 µg/l	TM345	<0.01		
Cyanazine	<0.01 µg/l	TM345	<0.01		
Trietazine	<0.01 µg/l	TM345	<0.01		
Coumaphos	<0.01 µg/l	TM345	<0.01		
Phosphamidon I	<0.01 µg/l	TM345	<0.01		
Phosphamidon II	<0.01 µg/l	TM345	<0.01		
Glyphosate	<0.1 µg/l	TM413	0.135		
AMPA	<0.1 µg/l	TM413	0.367		
Metalddehyde	<10 ng/l	TM416	<10		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022
aq	Aqueous / settled sample.			15:16:00	11:29:00	10:43:00	09:32:00	14:45:00	14:04:00	14:04:00
diss.filt	Dissolved / filtered sample.			23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022
tot.unfilt	Total / unfiltered sample.			220323-101	220323-101	220323-101	220323-101	220323-101	220323-101	220323-101
	Subcontracted - refer to subcontractor report for accreditation status.			26015191	26015195	26015197	26015198	26015192	26015192	26015193
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*\$@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	0.0571	0.016	0.0157	0.0107	0.19	0.0126		
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.054	<0.005		
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0511	0.0627	0.0516	0.773	0.0711		
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0242	<0.005		
Phenanthrene (aq)	<0.005 µg/l	TM178	<0.005	0.0284	0.0552	0.0339	0.81	0.0656		
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0421	<0.005		
Chrysene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	0.0284	<0.005	0.33	0.0332		
Pyrene (aq)	<0.005 µg/l	TM178	0.0149	0.0422	0.0479	0.0421	0.521	0.0482		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	0.0117	<0.005	0.146	0.0091		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0308	0.0342	<0.005	0.369	0.0351		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.0143	0.0163	<0.005	0.146	0.0154		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	<0.002	0.0168	0.0176	<0.002	0.177	0.0164		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0335	<0.005		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.103	0.0068		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.1	<0.005		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082	0.2	0.29	0.138	3.82	0.314		



CERTIFICATE OF ANALYSIS

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN-02C				
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194				
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery.						
(F)	Trigger breach confirmed						
1-4*\$@	Sample deviation (see appendix)						
Component	LOD/Units	Method					
Naphthalene (aq)	<0.01 µg/l	TM178	1.89	#			
Acenaphthene (aq)	<0.005 µg/l	TM178	0.327	#			
Acenaphthylene (aq)	<0.005 µg/l	TM178	0.012	#			
Fluoranthene (aq)	<0.005 µg/l	TM178	3.23	#			
Anthracene (aq)	<0.005 µg/l	TM178	0.0894	#			
Phenanthrene (aq)	<0.005 µg/l	TM178	4.12	#			
Fluorene (aq)	<0.005 µg/l	TM178	0.244	#			
Chrysene (aq)	<0.005 µg/l	TM178	1.23	#			
Pyrene (aq)	<0.005 µg/l	TM178	2.21	#			
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.529	#			
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	1.19	#			
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.519	#			
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.644	#			
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.103	#			
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.373	#			
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.357	#			
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	17.1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 15:16:00 23/03/2022 220323-101 26015191	Surface Water (SW) 22/03/2022 11:29:00 23/03/2022 220323-101 26015195	Surface Water (SW) 22/03/2022 10:43:00 23/03/2022 220323-101 26015197	Surface Water (SW) 22/03/2022 09:32:00 23/03/2022 220323-101 26015198	Surface Water (SW) 22/03/2022 14:45:00 23/03/2022 220323-101 26015192	Treated Sewage (TS) 22/03/2022 14:04:00 23/03/2022 220323-101 26015193
Component	LOD/Units	Method							
Dibromofluoromethane**	%	TM208	121	129	120	117	121	120	
Toluene-d8**	%	TM208	101	100	99.7	102	99.7	100	
4-Bromofluorobenzene**	%	TM208	101	97.9	101	99.5	96.9	99.8	
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dichloromethane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #	
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	1.48 #	<1 #	
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)	Depth (m)		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
	Sample Type		22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022
	Date Sampled		15:16:00	11:29:00	10:43:00	09:32:00	14:45:00	14:45:00	14:04:00
	Sample Time		23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022	23/03/2022
	Date Received		220323-101	220323-101	220323-101	220323-101	220323-101	220323-101	220323-101
	SDG Ref		26015191	26015195	26015197	26015198	26015192	26015192	26015193
	Lab Sample No.(s)								
	AGS Reference								
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02C			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 22/03/2022 12:33:00 23/03/2022 220323-101 26015194			
Component	LOD/Units	Method				
Dibromofluoromethane**	%	TM208	118			
Toluene-d8**	%	TM208	101			
4-Bromofluorobenzene**	%	TM208	99.2			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#		
Chloromethane	<1 µg/l	TM208	<1	#		
Vinyl chloride	<1 µg/l	TM208	<1	#		
Bromomethane	<1 µg/l	TM208	<1	#		
Chloroethane	<1 µg/l	TM208	<1	#		
Trichlorofluoromethane	<1 µg/l	TM208	<1	#		
1,1-Dichloroethene	<1 µg/l	TM208	<1	#		
Carbon disulphide	<1 µg/l	TM208	<1	#		
Dichloromethane	<3 µg/l	TM208	<3	#		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
1,1-Dichloroethane	<1 µg/l	TM208	<1	#		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
2,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Bromochloromethane	<1 µg/l	TM208	<1	#		
Chloroform	<1 µg/l	TM208	1.31	#		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#		
1,1-Dichloropropene	<1 µg/l	TM208	<1	#		
Carbontetrachloride	<1 µg/l	TM208	<1	#		
1,2-Dichloroethane	<1 µg/l	TM208	<1	#		
Benzene	<1 µg/l	TM208	<1	#		
Trichloroethene	<1 µg/l	TM208	<1	#		
1,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Dibromomethane	<1 µg/l	TM208	<1	#		
Bromodichloromethane	<1 µg/l	TM208	<1	#		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
Toluene	<1 µg/l	TM208	<1	#		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#		
1,3-Dichloropropane	<1 µg/l	TM208	<1	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

VOC MS (W)

Results Legend # ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Customer Sample Ref.	MIN-02C	Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference
Component	LOD/Units	Method									
Tetrachloroethene	<1 µg/l	TM208	<1		Surface Water (SW)	22/03/2022	12:33:00	23/03/2022	220323-101	26015194	
				#							
Dibromochloromethane	<1 µg/l	TM208	<1								
				#							
1,2-Dibromoethane	<1 µg/l	TM208	<1								
				#							
Chlorobenzene	<1 µg/l	TM208	<1								
				#							
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1								
				#							
Ethylbenzene	<1 µg/l	TM208	<1								
				#							
m,p-Xylene	<1 µg/l	TM208	<1								
				#							
o-Xylene	<1 µg/l	TM208	<1								
				#							
Styrene	<1 µg/l	TM208	<1								
				#							
Bromofom	<1 µg/l	TM208	<1								
				#							
Isopropylbenzene	<1 µg/l	TM208	<1								
				#							
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1								
				#							
1,2,3-Trichloropropane	<1 µg/l	TM208	<1								
				#							
Bromobenzene	<1 µg/l	TM208	<1								
				#							
Propylbenzene	<1 µg/l	TM208	<1								
				#							
2-Chlorotoluene	<1 µg/l	TM208	<1								
				#							
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1								
				#							
4-Chlorotoluene	<1 µg/l	TM208	<1								
				#							
tert-Butylbenzene	<1 µg/l	TM208	<1								
				#							
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1								
				#							
sec-Butylbenzene	<1 µg/l	TM208	<1								
				#							
4-iso-Propyltoluene	<1 µg/l	TM208	<1								
				#							
1,3-Dichlorobenzene	<1 µg/l	TM208	<1								
				#							
1,4-Dichlorobenzene	<1 µg/l	TM208	<1								
				#							
n-Butylbenzene	<1 µg/l	TM208	<1								
				#							
1,2-Dichlorobenzene	<1 µg/l	TM208	<1								
				#							
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1								
				#							
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1								
				#							
Hexachlorobutadiene	<1 µg/l	TM208	<1								
				#							
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1								
				#							
Naphthalene	<1 µg/l	TM208	<1								
				#							
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1								
				#							
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1								
				#							



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Notification of NDPs (No determination possible)

Date Received : 23/03/2022 13:18:47

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
26015191	MIN-01		Cyanobacteria (Blue Green algae)*	Unsuitable for Analysis



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D – Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220323-101
Client Ref.: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Test Completion Dates

Lab Sample No(s) Customer Sample Ref.	26015191	26015195	26015197	26015198	26015192	26015193	26015194
AGS Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02A	MIN-02B	MIN-02C
Depth							
Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water
Acid Herbicides by LCMS*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Acrylamide by LCMS (W)*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Alkalinity as CaCO3	30-Mar-2022	30-Mar-2022	31-Mar-2022	31-Mar-2022	30-Mar-2022	30-Mar-2022	31-Mar-2022
Ammoniacal Nitrogen	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022
Anions by ion Chromatography	28-Mar-2022	28-Mar-2022	30-Mar-2022	30-Mar-2022	29-Mar-2022	29-Mar-2022	30-Mar-2022
Anions by Kone (w)	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022
Artificial radionuclide by HR gamma	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Bromate by IC*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Chlormequat*	08-Apr-2022	08-Apr-2022	08-Apr-2022	08-Apr-2022	08-Apr-2022	08-Apr-2022	08-Apr-2022
Chlorophyll-a Cold	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Clostridium Perfringens*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Colour Test	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022
Conductivity (at 20 deg C)	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022
Cryptosporidium & Giardia*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Cyanide Comp/Free/Total/Thiocyanate	29-Mar-2022	29-Mar-2022	30-Mar-2022	30-Mar-2022	29-Mar-2022	30-Mar-2022	29-Mar-2022
Cyanobacteria (Blue Green algae)*		01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Dissolved Metals by ICP-MS	28-Mar-2022	28-Mar-2022	30-Mar-2022	28-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Dissolved Organic/Inorganic Carbon	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022
Epichlorohydrin*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Escherichia Coli*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Faecal Streptococci (W)*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Fluoride	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022
Glyphosate and AMPA	28-Mar-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Gross Alpha Activity*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Gross beta activity	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Mercury Dissolved	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022
Metaldehyde	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022	31-Mar-2022
Natural radionuclide by HR gamma	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Nitrite by Kone (w)	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022
PAH Spec MS - Aqueous (W)	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022
Pesticides (Suite I) by GCMS	30-Mar-2022	29-Mar-2022	29-Mar-2022	29-Mar-2022	30-Mar-2022	29-Mar-2022	29-Mar-2022
Pesticides (Suite II) by GCMS	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Pesticides (Suite III) by GCMS	31-Mar-2022	29-Mar-2022	29-Mar-2022	30-Mar-2022	31-Mar-2022	29-Mar-2022	29-Mar-2022
Pesticides by GCMS (W-PESLMS02LL)*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Pesticides by GCMS (W-PESLMS07)*	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
pH Value	30-Mar-2022	25-Mar-2022	29-Mar-2022	29-Mar-2022	25-Mar-2022	25-Mar-2022	25-Mar-2022
Phosphate by Kone (w)	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022	30-Mar-2022
Total Coliforms(W)*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
Total Metals by ICP-MS	28-Mar-2022	29-Mar-2022	29-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	29-Mar-2022
Total Organic and Inorganic Carbon	25-Mar-2022	26-Mar-2022	26-Mar-2022	25-Mar-2022	25-Mar-2022	26-Mar-2022	25-Mar-2022
Tritium by Scintillation	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Turbidity in waters	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022	28-Mar-2022
TVC 22C 3 day (W)*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
TVC 37C 1 day (W)*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
TVC 37C 2 day (W)*	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022	01-Apr-2022
VOC MS (W)	29-Mar-2022	30-Mar-2022	29-Mar-2022	29-Mar-2022	30-Mar-2022	29-Mar-2022	29-Mar-2022



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

31 March 2022

Test Report: COV/2290601/2022

Dear F.A.O Quotes

Analysis of your sample(s) received on 22 March 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

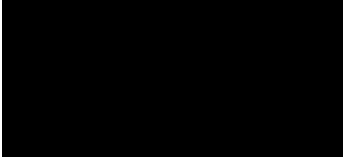
An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed 
Name:

Title: Legionella Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **31 March 2022**

Report Number: **COV/2290601/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Job Location: 220323-101

Number of Samples
included in this report **7**

Job Received: **22 March 2022**

Number of Test Results
included in this report **111**

Analysis Commenced: **23 March 2022**

Signed:



Name:



Date: **31 March 2022**

Title:

Legionella Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466730**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 15:10**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	8.95	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	254	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	87	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	87	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	31/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	533	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	<0.97087	cysts/10l	31/03/2022	N Cov	CRY M1,M2,M3

Analyst Comments for 21466730:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

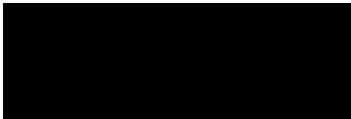
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name:



Date: **31 March 2022**

Title:

Legionella Team Leader

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466731**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02A**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 13:35**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	8.81	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	445	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presump	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	26/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	0.95238	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466731:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species. TVC Estimated.

32 giardia like bodies TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 31 March 2022
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466732**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Untreated Sewage**
 Sample Date/Time: **22 March 2022 14:04**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	25/03/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/03/2022	N Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	26/03/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/03/2022	N Cov	W1
Giardia Sample	<0.95238	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466732:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 31 March 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466733**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02C**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 12:33**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	962	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	>90	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<1.01010	Oocysts10L	26/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	<1.01010	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466733:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus faecalis and Enterococcus species. TVC Estimated.

5 giardia like bodies TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

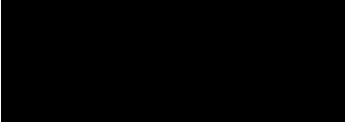

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 31 March 2022
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466734**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 11:29**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	650	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	26/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	988	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	<0.92593	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466734:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium. TVC Estimated.

11 giardia like bodies TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

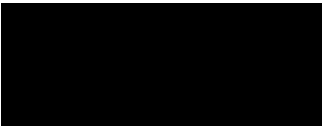

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 31 March 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466735**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 10:43**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	9.64	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	443	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	26/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	689	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	<0.97087	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466735:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species and Enterococcus mundtii. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

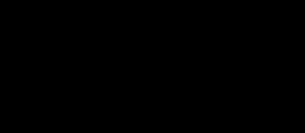

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 31 March 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2290601/2022**
 Laboratory Number: **21466736**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **22 March 2022 09:32**
 Sample Received: **22 March 2022**
 Analysis Complete: **31 March 2022**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	9.38	ug/l	28/03/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	28/03/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 2 day	483	cfu/ml	25/03/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	27/03/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	23/03/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	23/03/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	23/03/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	24/03/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	24/03/2022	Y Cov	W7
Crypto Sample 4-6um	<1.02041	Oocysts10L	26/03/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	23/03/2022	Y Cov	W8
TVC 37C 1 day	455	cfu/ml	24/03/2022	Y Cov	W1
Giardia Sample	<1.02041	cysts/10l	26/03/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	25/03/2022	N Cov	W44

Analyst Comments for 21466736:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus hirae. TVC Estimated.

4 giardia like bodies TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

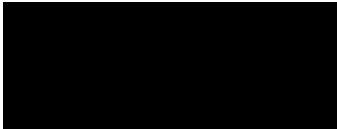

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 31 March 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2290601/2022

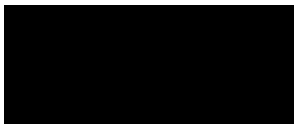
Issue 1

This issue replaces all previous issues

Date of Issue: 31 March 2022

Sample No	Analysis Comments
21466730	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated.
21466731	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species. TVC Estimated.
	32 giardia like bodies TVC Estimated.
21466732	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species. TVC Estimated.
21466733	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus faecalis and Enterococcus species. TVC Estimated.
	5 giardia like bodies TVC Estimated.
21466734	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium. TVC Estimated.
	11 giardia like bodies TVC Estimated.
21466735	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species and Enterococcus mundtii. TVC Estimated. TVC Estimated.
21466736	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus hirae. TVC Estimated.
	4 giardia like bodies TVC Estimated.

Signed:



Name: [Redacted]

Date: **31 March 2022**

Title: **Legionella Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2290601/2022

ISSUE 1

Date of Issue: 31 March 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21466730	MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466730	MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466730	MIN-01	TVC 22C 3 day	TVC Estimated.
21466730	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis.
21466730	MIN-01	TVC 37C 1 day	TVC Estimated.
21466730	MIN-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample.
21466731	MIN-02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466731	MIN-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466731	MIN-02A	TVC 22C 3 day	TVC Estimated.
21466731	MIN-02A	TVC 37C 2 day	TVC Estimated.
21466731	MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species.
21466731	MIN-02A	TVC 37C 1 day	TVC Estimated.
21466732	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466732	MIN-02B	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466732	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466732	MIN-02B	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21466732	MIN-02B	TVC 22C 3 day	TVC Estimated.
21466732	MIN-02B	TVC 37C 2 day	TVC Estimated.
21466732	MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus faecalis and Enterococcus species.
21466732	MIN-02B	TVC 37C 1 day	TVC Estimated.
21466732	MIN-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample.
21466733	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466733	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466733	MIN-02C	TVC 22C 3 day	TVC Estimated.
21466733	MIN-02C	TVC 37C 2 day	TVC Estimated.
21466733	MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae, Enterococcus faecalis and Enterococcus species.
21466733	MIN-02C	TVC 37C 1 day	TVC Estimated.
21466734	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466734	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466734	MIN-03	TVC 22C 3 day	TVC Estimated.
21466734	MIN-03	TVC 37C 2 day	TVC Estimated.
21466734	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium.
21466734	MIN-03	TVC 37C 1 day	TVC Estimated.
21466734	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample.
21466735	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466735	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466735	MIN-04	TVC 22C 3 day	TVC Estimated.
21466735	MIN-04	TVC 37C 2 day	TVC Estimated.
21466735	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species and Enterococcus mundtii.
21466735	MIN-04	TVC 37C 1 day	TVC Estimated.
21466735	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for coliforms due to nature of the sample.
21466736	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21466736	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21466736	MIN-05	TVC 22C 3 day	TVC Estimated.
21466736	MIN-05	TVC 37C 2 day	TVC Estimated.
21466736	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus hirae.
21466736	MIN-05	TVC 37C 1 day	TVC Estimated.

Signed:



Name: [Redacted]

Date: 31 March 2022

Title: Legionella Team Leader

Individuals' names and signatures redacted

Page Intentionally Left Blank

Individuals' names and
signatures redacted



Certificate of Analysis

Report No.: 22-18699-1

Issue No.: 1

Date of Issue 07/04/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220323-101

Customer Reference: 220323-101

Quotation Reference: 220316/06

Description: 7 water samples

Date Received: 25/03/2022

Date Started: 31/03/2022

Date Completed: 01/04/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-18699-1

Customer Reference: 220323-101

Customer Order No: 220323-101

Customer Sample No	26018269	26018159	26018016	26017929	26018010	26018372	26018430
Customer Sample ID	MIN-01	MIN-02A	MIN-02B	MIN-02C	MIN-03	MIN-04	MIN-05
RPS Sample No	487212	487213	487214	487215	487216	487217	487218
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022	22/03/2022

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-18699-1

Customer Reference: 220323-101

Customer Order No: 220323-101

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
487212	26018269		22/03/2022	500ml green glass bottle	No	
487213	26018159		22/03/2022	500ml amber glass bottle	No	
487214	26018016		22/03/2022	500ml green glass bottle	No	
487215	26017929		22/03/2022	500ml amber glass bottle	No	
487216	26018010		22/03/2022	500ml green glass bottle	No	
487217	26018372		22/03/2022	500ml green glass bottle	No	
487218	26018430		22/03/2022	500ml amber glass bottle	No	

Report No.: 22-18699-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2228478	Issue Date	: 19-Apr-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220323-101	Page	: 1 of 25
Order number	: ----	Date Samples	: 29-Mar-2022
		Received	
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 30-Mar-2022 - 19-Apr-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2228478/038, 039, 040, 041, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2228478/043 - 049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR5558478/050-056, method W-PESLMS07 - LOR for particular sample(s) raised due to matrix interference and due to low IS recoveries.

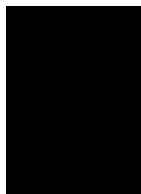
method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

The reference date for activity concentrations of radionuclides is 24.3.2022.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		26017961 MIN-02B		26018133 MIN-02B		26018162 MIN-02B	
				Laboratory sample ID		PR2228478003		PR2228478010		PR2228478017	
				Client sampling date / time		24-Mar-2022 08:06		24-Mar-2022 08:24		24-Mar-2022 08:27	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018096 MIN-02B		26017960 MIN-02B	
				Laboratory sample ID		PR2228478024		PR2228478031		PR2228478038	
				Client sampling date / time		24-Mar-2022 08:20		24-Mar-2022 08:22		24-Mar-2022 08:05	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.05	---	----	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.47	± 16.6%	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	0.014	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		



Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018096 MIN-02B		26017960 MIN-02B	
				Laboratory sample ID		PR2228478024		PR2228478031		PR2228478038	
				Client sampling date / time		24-Mar-2022 08:20		24-Mar-2022 08:22		24-Mar-2022 08:05	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.150	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018096 MIN-02B		26017960 MIN-02B	
				Laboratory sample ID		PR2228478024		PR2228478031		PR2228478038	
				Client sampling date / time		24-Mar-2022 08:20		24-Mar-2022 08:22		24-Mar-2022 08:05	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.040	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.080	----		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018096 MIN-02B		26017960 MIN-02B	
				Laboratory sample ID		PR2228478024		PR2228478031		PR2228478038	
				Client sampling date / time		24-Mar-2022 08:20		24-Mar-2022 08:22		24-Mar-2022 08:05	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.030	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018096 MIN-02B		26017960 MIN-02B	
				Laboratory sample ID		PR2228478024		PR2228478031		PR2228478038	
				Client sampling date / time		24-Mar-2022 08:20		24-Mar-2022 08:22		24-Mar-2022 08:05	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydro xy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		26017959 MIN-02B		26017924 MIN-02B		26018134 MIN-02B	
				Laboratory sample ID		PR2228478045		PR2228478052		PR2228478059	
				Client sampling date / time		24-Mar-2022 08:05		24-Mar-2022 07:58		24-Mar-2022 08:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.10	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		26017959 MIN-02B		26017924 MIN-02B		26018134 MIN-02B	
				Laboratory sample ID		PR2228478045		PR2228478052		PR2228478059	
				Client sampling date / time		24-Mar-2022 08:05		24-Mar-2022 07:58		24-Mar-2022 08:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.030	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.200	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.360	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.120	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.070	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26017959 MIN-02B		26017924 MIN-02B		26018134 MIN-02B	
				Laboratory sample ID		PR2228478045		PR2228478052		PR2228478059	
				Client sampling date / time		24-Mar-2022 08:05		24-Mar-2022 07:58		24-Mar-2022 08:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.040	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.011	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<1.00	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.360	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.150	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<1.00	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Triflururon	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.500	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018095 MIN-02B		----	
				Laboratory sample ID		PR2228478066		PR2228478073		----	
				Client sampling date / time		24-Mar-2022 08:22		24-Mar-2022 08:22		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26018096 MIN-02B		26018095 MIN-02B		----	
				Laboratory sample ID		PR2228478066		PR2228478073		----	
				Client sampling date / time		24-Mar-2022 08:22		24-Mar-2022 08:22		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018225 MIN-01		26018253 MIN-02A		26017932 MIN-02C	
				Laboratory sample ID		PR2228478001		PR2228478002		PR2228478004	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018020 MIN-03		26017983 MIN-04		26018420 MIN-05	
				Laboratory sample ID		PR2228478005		PR2228478006		PR2228478007	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:09		24-Mar-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018148 MIN-01		26018123 MIN-02A		26018142 MIN-02C	
				Laboratory sample ID		PR2228478008		PR2228478009		PR2228478011	
				Client sampling date / time		24-Mar-2022 08:26		24-Mar-2022 08:23		24-Mar-2022 08:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018479 MIN-03		26018462 MIN-04		26018456 MIN-05	
				Laboratory sample ID		PR2228478012		PR2228478013		PR2228478014	
				Client sampling date / time		24-Mar-2022 08:48		24-Mar-2022 08:47		24-Mar-2022 08:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018293 MIN-01		26018533 MIN-02A		26018428 MIN-02C	
				Laboratory sample ID		PR2228478015		PR2228478016		PR2228478018	
				Client sampling date / time		24-Mar-2022 08:37		24-Mar-2022 08:51		24-Mar-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018391 MIN-03		26018389 MIN-04		26018426 MIN-05	
				Laboratory sample ID		PR2228478019		PR2228478020		PR2228478021	
				Client sampling date / time		24-Mar-2022 08:43		24-Mar-2022 08:42		24-Mar-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID			26018391 MIN-03		26018389 MIN-04		26018426 MIN-05	
				Laboratory sample ID			PR2228478019		PR2228478020		PR2228478021	
				Client sampling date / time			24-Mar-2022 08:43		24-Mar-2022 08:42		24-Mar-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Halogenated Volatile Organic Compounds - Continued												
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---	

Sub-Matrix: SURFACE WATER				Client sample ID			26018102 MIN-01		26018094 MIN-02A		26018091 MIN-02C	
				Laboratory sample ID			PR2228478022		PR2228478023		PR2228478025	
				Client sampling date / time			24-Mar-2022 08:22		24-Mar-2022 08:22		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Radiological Parameters												
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.06	---	<0.06	---	<0.04	---	<0.04	---	

Sub-Matrix: SURFACE WATER				Client sample ID			26018343 MIN-03		26018083 MIN-04		26018078 MIN-05	
				Laboratory sample ID			PR2228478026		PR2228478027		PR2228478028	
				Client sampling date / time			24-Mar-2022		24-Mar-2022		24-Mar-2022 08:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Radiological Parameters												
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	<0.04	---	<0.04	---	

Sub-Matrix: SURFACE WATER				Client sample ID			26018102 MIN-01		26018094 MIN-02A		26018091 MIN-02C	
				Laboratory sample ID			PR2228478029		PR2228478030		PR2228478032	
				Client sampling date / time			24-Mar-2022 08:22		24-Mar-2022 08:22		24-Mar-2022 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Radiological Parameters												
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.36	± 17.6%	0.35	± 17.8%	0.50	± 16.4%			

Sub-Matrix: SURFACE WATER				Client sample ID			26018343 MIN-03		26018083 MIN-04		26018078 MIN-05	
				Laboratory sample ID			PR2228478033		PR2228478034		PR2228478035	
				Client sampling date / time			24-Mar-2022 08:40		24-Mar-2022 08:20		24-Mar-2022 08:20	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Radiological Parameters												
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.36	± 17.7%	0.33	± 18.1%	0.26	± 19.6%			

Sub-Matrix: SURFACE WATER				Client sample ID			26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID			PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time			24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	
Pesticides												
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---	
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---	
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---	
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---	
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---	
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---	
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---	
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---	
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---	



Sub-Matrix: SURFACE WATER				Client sample ID		26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID		PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.018	± 30.0%	0.017	± 30.0%	0.017	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafof	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID		PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoaxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	0.018	± 30.0%	0.015	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.040	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.036	± 30.0%	0.060	± 30.0%	0.059	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID		PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID		PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.100	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018222 MIN-01		26018252 MIN-02A		26017931 MIN-02C	
				Laboratory sample ID		PR2228478036		PR2228478037		PR2228478039	
				Client sampling date / time		24-Mar-2022 08:33		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018019 MIN-03		26017982 MIN-04		26018415 MIN-05	
				Laboratory sample ID		PR2228478040		PR2228478041		PR2228478042	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:33		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.012	± 30.0%	0.014	± 30.0%	0.012	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	0.042	± 30.0%	0.034	± 30.0%		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018019 MIN-03		26017982 MIN-04		26018415 MIN-05	
				Laboratory sample ID		PR2228478040		PR2228478041		PR2228478042	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:33		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	0.037	± 35.0%	0.048	± 35.0%		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018019 MIN-03		26017982 MIN-04		26018415 MIN-05	
				Laboratory sample ID		PR2228478040		PR2228478041		PR2228478042	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:33		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.040	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	<0.060	---	<0.050	---	0.034	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018019 MIN-03		26017982 MIN-04		26018415 MIN-05	
				Laboratory sample ID		PR2228478040		PR2228478041		PR2228478042	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:33		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.020	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018019 MIN-03		26017982 MIN-04		26018415 MIN-05	
				Laboratory sample ID		PR2228478040		PR2228478041		PR2228478042	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:33		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018221 MIN-01		26018251 MIN-02A		26017930 MIN-02C	
				Laboratory sample ID		PR2228478043		PR2228478044		PR2228478046	
				Client sampling date / time		24-Mar-2022		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.10	---	<1.10	---	<1.10	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.200	---	<0.200	---	<0.200	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.360	---	<0.360	---	<0.360	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.120	---	<0.120	---	<0.120	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018221 MIN-01		26018251 MIN-02A		26017930 MIN-02C	
				Laboratory sample ID		PR2228478043		PR2228478044		PR2228478046	
				Client sampling date / time		24-Mar-2022		24-Mar-2022 08:35		24-Mar-2022 08:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---	<0.040	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.070	---	<0.070	---	<0.070	---	<0.070	---
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	0.046	± 30.0%	0.026	± 30.0%	0.026	± 30.0%
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.040	---	<0.040	---	<0.040	---
MCPB (isomers)	W-PESLMS04	0.010	µg/L	0.024	± 30.0%	0.061	± 30.0%	0.052	± 30.0%	0.052	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.360	---	<0.360	---	<0.360	---	<0.360	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.150	---	<0.070	---	<0.320	---	<0.320	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		26018018 MIN-03		26017979 MIN-04		26018414 MIN-05	
				Laboratory sample ID		PR2228478047		PR2228478048		PR2228478049	
				Client sampling date / time		24-Mar-2022 08:13		24-Mar-2022 08:09		24-Mar-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.10	---	<1.10	---	<1.10	---	<1.10	---
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.200	---	<0.200	---	<0.200	---	<0.200	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.360	---	<0.360	---	<0.360	---	<0.360	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.120	---	<0.120	---	<0.120	---	<0.120	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---	<0.040	---
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.070	---	<0.070	---	<0.070	---	<0.070	---
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
MCPA	W-PESLMS04	0.010	µg/L	0.013	± 30.0%	0.021	± 30.0%	0.016	± 30.0%	0.016	± 30.0%
MCPB	W-PESLMS04	0.020	µg/L	<0.040	---	<0.020	---	<0.020	---	<0.020	---
MCPB (isomers)	W-PESLMS04	0.010	µg/L	0.034	± 30.0%	0.026	± 30.0%	0.026	± 30.0%	0.026	± 30.0%
Picloram	W-PESLMS04	0.020	µg/L	<0.360	---	<0.360	---	<0.360	---	<0.360	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.320	---	<0.320	---	<0.320	---	<0.320	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---

Sub-Matrix: SURFACE WATER				Client sample ID		26018273 MIN-01		26018174 MIN-02A		26018376 MIN-02C	
				Laboratory sample ID		PR2228478050		PR2228478051		PR2228478053	
				Client sampling date / time		24-Mar-2022 08:36		24-Mar-2022 08:29		24-Mar-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		26018273 MIN-01		26018174 MIN-02A		26018376 MIN-02C	
				Laboratory sample ID		PR2228478050		PR2228478051		PR2228478053	
				Client sampling date / time		24-Mar-2022 08:36		24-Mar-2022 08:29		24-Mar-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<1.00	---	<1.00	---	<1.00	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018273 MIN-01		26018174 MIN-02A		26018376 MIN-02C	
				Laboratory sample ID		PR2228478050		PR2228478051		PR2228478053	
				Client sampling date / time		24-Mar-2022 08:36		24-Mar-2022 08:29		24-Mar-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Trietazine	W-PESLMS07	0.10	µg/L	<1.00	---	<1.00	---	<1.00	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018044 MIN-03		26017975 MIN-04		26018399 MIN-05	
				Laboratory sample ID		PR2228478054		PR2228478055		PR2228478056	
				Client sampling date / time		24-Mar-2022 08:16		24-Mar-2022 08:08		24-Mar-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26018044 MIN-03		26017975 MIN-04		26018399 MIN-05	
				Laboratory sample ID		PR2228478054		PR2228478055		PR2228478056	
				Client sampling date / time		24-Mar-2022 08:16		24-Mar-2022 08:08		24-Mar-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<1.00	---	<1.00	---	<1.00	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Trietazine	W-PESLMS07	0.10	µg/L	<1.00	---	<1.00	---	<1.00	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.500	---	<0.500	---	<0.500	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018150 MIN-01		26018124 MIN-02A		26018144 MIN-02C	
				Laboratory sample ID		PR2228478057		PR2228478058		PR2228478060	
				Client sampling date / time		24-Mar-2022 08:26		24-Mar-2022 08:23		24-Mar-2022 08:25	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.050	---	0.281	± 20.3%	0.234	± 20.4%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26018481 MIN-03		26018463 MIN-04		26018458 MIN-05	
				Laboratory sample ID		PR2228478061		PR2228478062		PR2228478063	



Sub-Matrix: SURFACE WATER				Client sample ID		26018481 MIN-03		26018463 MIN-04		26018458 MIN-05	
				Laboratory sample ID		PR2228478061		PR2228478062		PR2228478063	
				Client sampling date / time		24-Mar-2022 08:48		24-Mar-2022 08:47		24-Mar-2022 08:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.315	± 20.2%	0.221	± 20.0%	0.204	± 20.6%	0.204	± 20.6%
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		26018102 MIN-01		26018094 MIN-02A		26018091 MIN-02C	
				Laboratory sample ID		PR2228478064		PR2228478065		PR2228478067	
				Client sampling date / time		24-Mar-2022 08:22		24-Mar-2022 08:22		24-Mar-2022 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		26018343 MIN-03		26018083 MIN-04		26018078 MIN-05	
				Laboratory sample ID		PR2228478068		PR2228478069		PR2228478070	
				Client sampling date / time		24-Mar-2022 08:40		24-Mar-2022 08:20		24-Mar-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		26018100 MIN-01		26018093 MIN-02A		26018090 MIN-02C	
				Laboratory sample ID		PR2228478071		PR2228478072		PR2228478074	
				Client sampling date / time		24-Mar-2022 08:22		24-Mar-2022 08:22		24-Mar-2022 08:21	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID		26018341		26018082		26018077	
				MIN-03		MIN-04		MIN-05			
Laboratory sample ID				PR2228478075		PR2228478076		PR2228478077			
Client sampling date / time				24-Mar-2022 08:40		24-Mar-2022 08:20		24-Mar-2022 08:20			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 220323-101
Client Ref: 60663957

Report Number: 642704
Location: Minworth

Superseded Report: 640477

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g. volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
♦	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anorthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US
Tel: (01244) 528700
Fax: (01244) 528701
email: hawardencustomerservices@alsglobal.com
Website: www.alsenvironmental.co.uk

Individuals' names and
signatures redacted

Aecom
1 New York Street
Manchester
M1 4HD

Attention: [REDACTED]

CERTIFICATE OF ANALYSIS

Date of report Generation: 24 May 2022
Customer: Aecom
Sample Delivery Group (SDG): 220412-25
Your Reference: 60663957
Location: Minworth
Report No: 647703
Order Number: 60663

This report has been revised and directly supersedes 645522 in its entirety.

We received 7 samples on Tuesday April 12, 2022 and 7 of these samples were scheduled for analysis which was completed on Tuesday May 10, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

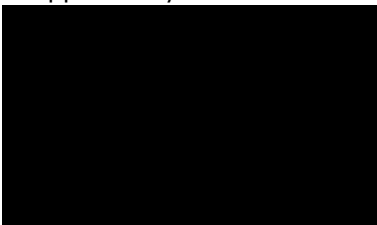
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
26122681	MIN - 01			11/04/2022
26122679	MIN - 03			11/04/2022
26122678	MIN - 04			11/04/2022
26122674	MIN - 05			11/04/2022
26122682	MIN - 02a			11/04/2022
26122675	MIN - 02b			11/04/2022
26122677	MIN - 02c			11/04/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 15px; height: 15px; background-color: yellow; margin-right: 5px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 15px; height: 15px; background-color: red; color: white; margin-right: 5px;"></div> No Determination Possible </div> </div> Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type	
		26122677	MIN - 02c				SW
		26122675	MIN - 02b				TS
		26122682	MIN - 02a				SW
		26122674	MIN - 05				SW
		26122678	MIN - 04				SW
		26122679	MIN - 03				SW
	26122681	MIN - 01				SW	
Gross Alpha Activity*	All	NDPs: 0 Tests: 7				X X X X X X X	
Gross beta activity	All	NDPs: 0 Tests: 7				X X X X X X X	
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7				X X X X X X X	
Tritium by Scintillation	All	NDPs: 0 Tests: 7				X X X X X X X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: red; color: white; border: 1px solid black; margin-right: 5px;"></div> No Determination Possible </div> </div> <p>Sample Types -</p> <ul style="list-style-type: none"> S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other 	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type																					
								NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber Gl. PTFE/PE (ALE219)	1l plastic (ALE211)	0.5l glass bottle (ALE227)	Vial (ALE297)	NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber Gl. PTFE/PE (ALE219)	1l plastic (ALE211)	0.5l glass bottle (ALE227)	Vial (ALE297)
								SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7					X									X											
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7					X									X											
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7							X													X					
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7									X										X						
Anions by ion Chromatography	All	NDPs: 0 Tests: 7							X													X					
Anions by Kone (w)	All	NDPs: 0 Tests: 7							X													X					
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7							X													X					
Bromate by IC*	All	NDPs: 0 Tests: 7							X													X					
Chlormequat*	All	NDPs: 0 Tests: 7					X									X											
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7						X														X					
Clostridium Perfringens*	All	NDPs: 0 Tests: 7									X												X				
Colour Test	All	NDPs: 0 Tests: 7							X													X					
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7						X															X				
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7															X									X	
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7					X																X				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend	Lab Sample No(s)		26122681														26122679																												
	Customer Sample Reference		MIN - 01														MIN - 03																												
AGS Reference																																													
Depth (m)																																													
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other	Container		NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	0.5l glass bottle (ALE227)	Vial (ALE297)	NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	0.5l glass bottle (ALE227)	Vial (ALE297)	NaOH (ALE245)	HNO3 Unfiltered (ALE204)	HNO3 Filtered (ALE204)	H2SO4 (ALE244)	500ml Plastic (ALE208)	330ml plastic bottle (ALE503)	250ml Amber GI. PTFE/PE (ALE219)	1l plastic (ALE221)	0.5l glass bottle (ALE227)	Vial (ALE297)													
	Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW												
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X																																										
pH Value	All	NDPs: 0 Tests: 7					X																																						
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7					X																																						
Total Coliforms(W)*	All	NDPs: 0 Tests: 7					X																																						
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7												X																															
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7																																											
Turbidity in waters	All	NDPs: 0 Tests: 7					X																																						
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7					X																																						
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7					X																																						
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7					X																																						
VOC MS (W)	All	NDPs: 0 Tests: 7																																											



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.		MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022
			16:04:00	11:57:00	10:53:00	09:40:00	15:04:00	12:04:2022	12:04:2022	14:22:00
			12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022
			220412-25	220412-25	220412-25	220412-25	220412-25	220412-25	220412-25	220412-25
			26122681	26122679	26122678	26122674	26122682	26122675	26122675	26122675
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2,3,6-TBA*	<0.1 µg/l	SUB	<1.3	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	<60
Chlormequat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	31.7	11.2	22.3	21.6	19.6	<7	<7	<7
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.926	<0.901	<0.877	<0.909	<0.901	<0.87	<0.87	<0.87
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0	0	0	0	0
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	57	62	>100	>100	>100	>100
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.07	<0.06	<0.07	<0.04	<0.04	<0.04	<0.04
Gross Beta Activity*	<0.1 Bq/l	SUB	0.34	0.43	0.35	0.37	0.31	0.52	0.52	0.52
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	<5
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	611	269	>1000	>1000	>1000	>1000
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
2,4,5-T*	<0.01 µg/l	SUB	<0.02	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clostridium Perfringens (M2P)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	57	62	>100	>100	>100	>100
Giardia (B0X)*	<0 cysts/10L	SUB	<0.926	<0.901	<0.877	<0.909	<0.901	<0.87	<0.87	<0.87
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	<10
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	>100
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. m mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	0.072	0.6	0.59	0.19	0.43	<0.071	<0.071
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetamidiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.2	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.33	<0.33	<0.33	<0.33	<0.33	<0.42
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.04	<0.16	<0.04	<0.16	<0.04	<0.16	<0.16
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.04	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ioxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.01	0.038	0.038	0.03	0.019	0.016	0.016



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB	0.021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPPP (isomers)*	<0.01 µg/l	SUB	0.047	0.072	0.055	0.04	0.04	0.014	0.014
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB	<0.2	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.082	0.068	<0.05	0.092	0.165	0.165
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Method							
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlormid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflubenzuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfthion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Customer Sample Ref.								
	Depth (m)								
	Sample Type		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
	Date Sampled		11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022
	Sample Time		16:04:00	11:57:00	10:53:00	09:40:00	15:04:00	14:22:00	
	Date Received		12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022
	SDG Ref		220412-25	220412-25	220412-25	220412-25	220412-25	220412-25	220412-25
	Lab Sample No.(s)		26122681	26122679	26122678	26122674	26122682	26122675	
	AGS Reference								
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxypop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxypop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxypop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.036	0.061	0.056	0.037	0.074	0.162	
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malaoxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	0.01	0.017	0.02	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	0.022	0.015	<0.01	<0.02	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*@Sample deviation (see appendix)	Depth (m)	Sample Type		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
	Date Sampled	Sample Time		11/04/2022 16:04:00	11/04/2022 11:57:00	11/04/2022 10:53:00	11/04/2022 09:40:00	11/04/2022 15:04:00	11/04/2022 14:22:00
	Date Received	SDG Ref		12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022
	Lab Sample No.(s)	AGS Reference		220412-25 26122681	220412-25 26122679	220412-25 26122678	220412-25 26122674	220412-25 26122682	220412-25 26122675
Component	LOD/Units	Method							
Paclobutrazol*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB		<0.01	0.014	<0.02	<0.01	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfiltTotal / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m)	Sample Type		Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
	Date Sampled	Date Received		11/04/2022 16:04:00	11/04/2022 11:57:00	11/04/2022 10:53:00	11/04/2022 09:40:00	11/04/2022 15:04:00	11/04/2022 14:22:00
	SDG Ref	Lab Sample No.(s)		220412-25	220412-25	220412-25	220412-25	220412-25	220412-25
	AGS Reference			26122681	26122679	26122678	26122674	26122682	26122675
Component	LOD/Units	Method							
Propyzamide*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	0.012	<0.01
Thiabendazole*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	199	132	142	167	148	65.8	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.46	10	9.03	8.06	8.69	9.71	
Organic Carbon, Total	<3 mg/l	TM090	6.7	10.6	9.56	8.48	9.51	10.9	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	0.245	<0.2	<0.2	<0.2	0.869	
Fluoride	<0.5 mg/l	TM104	<0.5	0.6	0.537	<0.5	0.598	0.634	
Aluminium (diss.filt)	<10 µg/l	TM152	11.7	<10	<10	10.7	<10	<10	
Antimony (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.49	1.29	1.33	1.49	1.23	0.65	
Boron (diss.filt)	<10 µg/l	TM152	357	273	264	213	284	117	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Chromium (diss.filt)	<1 µg/l	TM152	12.8	1.38	1.03	<1	16.6	<1	
Copper (diss.filt)	<0.3 µg/l	TM152	4.14	2.23	3.09	3.42	2.75	0.651	
Lead (diss.filt)	<0.2 µg/l	TM152	0.215	0.251	0.393	<0.2	<0.2	<0.2	
Manganese (diss.filt)	<3 µg/l	TM152	56.2	94.6	105	38.5	67.2	114	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	99.7	236	233	295	200	459	
Nickel (diss.filt)	<0.4 µg/l	TM152	13.2	14.4	13	7.22	13.7	20.6	
Selenium (diss.filt)	<1 µg/l	TM152	<1	<1	<1	<1	<1	<1	
Zinc (diss.filt)	<1 µg/l	TM152	30	95.6	54.7	42.3	78	58.5	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	63.6	65	62.5	63.2	68.6	55.1	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.129	0.0862	0.0726	0.0442	0.0889	0.0605	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	336	248	283	344	263	191	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Nitrite as NO2	<0.05 mg/l	TM184	0.45	0.519	0.341	0.176	0.286	1.31	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.		MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfiltTotal / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675
Component	LOD/Units	Method								
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.053	0.218	0.361	0.47	0.084	0.569	#	#
Sulphate	<2 mg/l	TM184	126	101	114	151	109	93.2	#	#
Chloride	<2 mg/l	TM184	107	103	98.3	109	101	92.7	#	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	<0.02	0.0711	0.118	0.153	0.0274	0.186	#	#
Nitrate as NO3	<0.3 mg/l	TM184	37.2	54.9	51.8	44.5	54	52.3	#	#
Turbidity	<0.1 ntu	TM195	2.19	3.22	3.39	4.66	2.88	2.36	#	#
Bromide	<0.06 mg/l	TM226	0.252	0.206	0.186	0.417	0.21	0.134	#	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	#	#
pH	<1 pH Units	TM256	8.48	7.65	7.88	8.14	7.7	6.96	#	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.85	0.759	0.781	0.864	0.784	0.647	#	#
Salinity	<2	TM256	<2	<2	<2	<2	<2	<2	#	#
Apparent Colour	<1 mg/l Pt/Co	TM261	23.2	35.3	35.2	30.5	33.2	28.2	#	#
True Colour	<1 mg/l Pt/Co	TM261	11.7	22.2	19.2	15.9	24.6	16.6	#	#
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Endrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
o,p'-DDT	<0.01 µg/l	TM343	<0.02	<0.02	<0.03	<0.02	<0.03	<0.02	#	#
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	#	#
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.03	<0.02	<0.03	<0.02	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
p,p'-DDT	<0.01 µg/l	TM343	<0.03	<0.03	<0.045	<0.03	<0.045	<0.03	
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.03	<0.02	<0.03	<0.02	
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.03	<0.02	<0.03	<0.02	
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.03	<0.02	<0.03	<0.02	
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Phorate	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Diazinon	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Triallate	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Atrazine	<0.01 µg/l	TM344	<0.07	<0.07	<0.06	<0.05	<0.02	<0.01	
Simazine	<0.01 µg/l	TM344	<0.09	<0.14	<0.1	<0.07	<0.15	<0.3	
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Malathion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Fenthion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Fenitrothion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Pendimethalin	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. m CERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference		Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675	
Component	LOD/Units	Method							
Parathion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Ethion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Triazophos	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Phosalone	<0.01 µg/l	TM344	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.03	<0.04	<0.02	<0.04	<0.02	
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.03	<0.04	<0.02	<0.04	<0.02	
Etridiazole	<0.01 µg/l	TM345	<0.02	<0.015	<0.02	<0.01	<0.02	<0.01	
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Propachlor	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Omethoate	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Propazine	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Alachlor	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Prometryn	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Telodrin	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Chlorothalonil	<0.01 µg/l	TM345	<0.05	<0.015	<0.02	<0.01	<0.02	<0.01	
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Trietazine	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.015	<0.02	<0.01	<0.02	<0.01	
Glyphosate	<0.1 µg/l	TM413	0.161	0.337	0.28	0.244	0.268	0.115	
AMPA	<0.1 µg/l	TM413	0.634	1.31	1.36	0.805	1.19	0.619	
Metalddehyde	<10 ng/l	TM416	<10	<10	<20	<10	<20	<10	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Component	LOD/Units	Method	MIN - 02c			
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	17.9			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.935			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.07			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.34			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.02			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05			
Clostridium Perfringens (M2P)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.935			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100			
I-131*	<0.05 Bq/l	SUB	0.33			
K-40*	<2 Bq/l	SUB	<2			
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100			
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.01			
Acetamidiprid*	<0.01 µg/l	SUB	<0.01			
Am-241*	<0.5 Bq/l	SUB	<0.5			
Azaconazole*	<0.05 µg/l	SUB	<0.05			
Pa-231*	<1 Bq/l	SUB	<1			
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02			
Acetochlor*	<0.03 µg/l	SUB	<0.03			
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05			
Ra-223*	<0.2 Bq/l	SUB	<0.2			
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01			
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03			
Buprofezinl*	<0.05 µg/l	SUB	<0.05			
Ra-226*	<0.2 Bq/l	SUB	<0.2			
4-CPP*	<0.01 µg/l	SUB	<0.01			
Aclonifen*	<0.03 µg/l	SUB	<0.03			
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05			
Ra-228*	<0.2 Bq/l	SUB	<0.2			
Acifluorfen*	<0.01 µg/l	SUB	<0.01			
Alachlor*	<0.02 µg/l	SUB	<0.02			
Clofentezine*	<0.05 µg/l	SUB	<0.05			
Th-227*	<0.2 Bq/l	SUB	<0.2			
Aldicarb*	<0.05 µg/l	SUB	<0.05			
Aminopyralid*	<0.05 µg/l	SUB	<0.3			
Cyflufenamid*	<0.05 µg/l	SUB	<0.05			
Th-228*	<0.2 Bq/l	SUB	<0.2			
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01			
Benazolin*	<0.05 µg/l	SUB	<0.05			
Desmedipham*	<0.05 µg/l	SUB	<0.05			
Th-230*	<10 Bq/l	SUB	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Ametryn*	<0.01 µg/l	SUB	<0.01			
Bentazone*	<0.01 µg/l	SUB	<0.01			
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05			
Th-234*	<2 Bq/l	SUB	<2			
Amidosulfuron*	<0.02 µg/l	SUB	<0.02			
Bromoxynil*	<0.01 µg/l	SUB	<0.01			
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05			
U-235*	<0.2 Bq/l	SUB	<0.2			
Atraton*	<0.01 µg/l	SUB	<0.01			
Clopyralid*	<0.03 µg/l	SUB	<0.33			
Etoxazole*	<0.05 µg/l	SUB	<0.05			
Atrazine*	<0.01 µg/l	SUB	<0.01			
Dicamba*	<0.03 µg/l	SUB	<0.09			
Famoxadone*	<0.05 µg/l	SUB	<0.05			
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01			
Diclofop*	<0.02 µg/l	SUB	<0.02			
Famphur*	<0.05 µg/l	SUB	<0.05			
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01			
Dinoseb*	<0.02 µg/l	SUB	<0.02			
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05			
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01			
Dinoterb*	<0.04 µg/l	SUB	<0.04			
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05			
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04			
DNOC*	<0.03 µg/l	SUB	<0.03			
Fenothiocarb*	<0.05 µg/l	SUB	<0.05			
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04			
Fludioxonil*	<0.05 µg/l	SUB	<0.05			
Fluroxypyr*	<0.02 µg/l	SUB	<0.06			
Azoxystrobin*	<0.01 µg/l	SUB	<0.01			
Fluopyram*	<0.05 µg/l	SUB	<0.05			
loxynil*	<0.01 µg/l	SUB	<0.01			
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	0.023			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Customer Sample Ref.	MIN - 02c				
Component	LOD/Units	Method	Surface Water (SW)			
BAM*	<0.01 µg/l	SUB	<0.01			
Fluquinconazole*	<0.05 µg/l	SUB	<0.05			
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.06			
BDMC*	<0.02 µg/l	SUB	<0.02			
Fosthiazate*	<0.05 µg/l	SUB	<0.05			
Benalaxyl*	<0.02 µg/l	SUB	<0.02			
Furalaxyl*	<0.05 µg/l	SUB	<0.05			
MCPP (isomers)*	<0.01 µg/l	SUB	0.036			
Bendiocarb*	<0.01 µg/l	SUB	<0.01			
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05			
Picloram*	<0.02 µg/l	SUB	<0.36			
Bentazone methyl*	<0.03 µg/l	SUB	<0.03			
Imidacloprid*	<0.05 µg/l	SUB	0.104			
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.03			
Bifenox*	<0.04 µg/l	SUB	<0.04			
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05			
Triclopyr*	<0.03 µg/l	SUB	<0.06			
Bitertanol*	<0.02 µg/l	SUB	<0.02			
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05			
Triclosan*	<0.05 µg/l	SUB	<0.05			
Boscalid*	<0.01 µg/l	SUB	<0.01			
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05			
Bromacil*	<0.01 µg/l	SUB	<0.01			
Metrafenone*	<0.05 µg/l	SUB	<0.05			
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03			
Myclobutanil*	<0.05 µg/l	SUB	<0.05			
Cadusafos*	<0.02 µg/l	SUB	<0.02			
Norflurazon*	<0.05 µg/l	SUB	<0.05			
Carbaryl*	<0.01 µg/l	SUB	<0.01			
Oxadiazon*	<0.05 µg/l	SUB	<0.05			
Carbendazim*	<0.01 µg/l	SUB	<0.01			
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05			
Carbetamide*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Customer Sample Ref.	MIN - 02c				
Results Legend		Depth (m)	Sample Type	Date Sampled	Sample Time	Date Received
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		26122677	Surface Water (SW)	11/04/2022	13:35:00	12/04/2022
		SDG Ref	AGS Reference	Lab Sample No.(s)		
Component	LOD/Units	Method				
Pethoxamid*	<0.05 µg/l	SUB	<0.05			
Carbofuran*	<0.01 µg/l	SUB	<0.01			
Phenmedipham*	<0.05 µg/l	SUB	<0.05			
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01			
Phosmet oxon*	<0.05 µg/l	SUB	<0.05			
Carboxin*	<0.02 µg/l	SUB	<0.02			
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05			
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04			
Pyridaben*	<0.05 µg/l	SUB	<0.05			
Chlorbromuron*	<0.01 µg/l	SUB	<0.01			
Quinalphos*	<0.05 µg/l	SUB	<0.05			
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01			
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05			
Chloridazon*	<0.01 µg/l	SUB	<0.01			
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05			
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03			
Thiacloprid*	<0.05 µg/l	SUB	<0.05			
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05			
Thiazafuron*	<0.05 µg/l	SUB	<0.05			
Chlorotoluron*	<0.01 µg/l	SUB	<0.01			
Sedaxane*	<0.05 µg/l	SUB	<0.05			
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02			
Thidiazuron*	<0.05 µg/l	SUB	<0.05			
Chloroxuron*	<0.01 µg/l	SUB	<0.01			
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05			
Chlorpropham*	<0.05 µg/l	SUB	<0.05			
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05			
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005			
Triflumizole*	<0.05 µg/l	SUB	<0.05			
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02			
Triflumuron*	<0.05 µg/l	SUB	<0.05			
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01			
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
#	ISO17025 accredited.					
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*	Sample deviation (see appendix)					
		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Clodinafop*	<0.03 µg/l	SUB	<0.03			
Tritosulfuron*	<0.05 µg/l	SUB	<0.05			
Clomazone*	<0.01 µg/l	SUB	<0.01			
Zoxamide*	<0.05 µg/l	SUB	<0.05			
Clomeprop*	<0.01 µg/l	SUB	<0.01			
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05			
Clothianidin*	<0.05 µg/l	SUB	<0.01			
Flufenacet*	<0.05 µg/l	SUB	<0.05			
Coumaphos*	<0.02 µg/l	SUB	<0.02			
Flufenacet OA*	<0.05 µg/l	SUB	<0.05			
Crimidine*	<0.03 µg/l	SUB	<0.03			
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05			
Cyanazine*	<0.01 µg/l	SUB	<0.01			
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05			
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01			
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05			
Cymoxanil*	<0.05 µg/l	SUB	<0.05			
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05			
Cyprazine*	<0.02 µg/l	SUB	<0.02			
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05			
Cyproconazole*	<0.01 µg/l	SUB	<0.01			
Flutriafol*	<0.05 µg/l	SUB	<0.05			
Cyprodinil*	<0.02 µg/l	SUB	<0.02			
Isoxaflutole*	<0.05 µg/l	SUB	<0.05			
Cyromazine*	<0.05 µg/l	SUB	<0.05			
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05			
Trietazine*	<0.05 µg/l	SUB	<0.1			
Desmetryn*	<0.01 µg/l	SUB	<0.01			
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05			
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05			
Diazinon*	<0.02 µg/l	SUB	<0.02			
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05			
Dichlofenthion*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend	Customer Sample Ref.	MIN - 02c				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677				
Component	LOD/Units	Method				
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05			
Dichlormid*	<0.05 µg/l	SUB	<0.05			
Dichlorvos*	<0.05 µg/l	SUB	<0.05			
Dicrotophos*	<0.01 µg/l	SUB	<0.01			
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05			
Diethofencarb*	<0.02 µg/l	SUB	<0.02			
Difenacoum*	<0.02 µg/l	SUB	<0.02			
Difenoconazole*	<0.02 µg/l	SUB	<0.02			
Difenoxuron*	<0.02 µg/l	SUB	<0.02			
Diflubenzuron*	<0.02 µg/l	SUB	<0.02			
Diflufenican*	<0.02 µg/l	SUB	<0.01			
Dimefuron*	<0.02 µg/l	SUB	<0.02			
Dimethachlor*	<0.01 µg/l	SUB	<0.01			
Dimethenamid*	<0.01 µg/l	SUB	<0.01			
Dimethoate*	<0.01 µg/l	SUB	<0.01			
Dimethomorph*	<0.01 µg/l	SUB	<0.01			
Diuron*	<0.01 µg/l	SUB	<0.01			
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03			
Epoxiconazole*	<0.03 µg/l	SUB	<0.03			
EPTC*	<0.02 µg/l	SUB	<0.02			
Ethiofencarb*	<0.02 µg/l	SUB	<0.02			
Ethion*	<0.02 µg/l	SUB	<0.02			
Ethofumesate*	<0.01 µg/l	SUB	<0.01			
Ethoprophos*	<0.02 µg/l	SUB	<0.02			
Fenamiphos*	<0.02 µg/l	SUB	<0.02			
Fenarimol*	<0.03 µg/l	SUB	<0.03			
Fenhexamid*	<0.03 µg/l	SUB	<0.03			
Fenoxaprop*	<0.03 µg/l	SUB	<0.03			
Fenoxycarb*	<0.02 µg/l	SUB	<0.02			
Fenpropidin*	<0.02 µg/l	SUB	<0.02			
Fenpropimorph*	<0.01 µg/l	SUB	<0.01			
Fensulfothion*	<0.02 µg/l	SUB	<0.02			
Fenuron*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Fipronil*	<0.05 µg/l	SUB	<0.05			
Florasulam*	<0.02 µg/l	SUB	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.092			
Indoxacarb*	<0.05 µg/l	SUB	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02			
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.02			
Malaonox*	<0.02 µg/l	SUB	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Mandipropamid*	<0.02 µg/l	SUB	<0.02			
Mecarbam*	<0.02 µg/l	SUB	<0.02			
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02			
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02			
Mesotrione*	<0.05 µg/l	SUB	<0.05			
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01			
Metamitron*	<0.03 µg/l	SUB	<0.03			
Metazachlor*	<0.01 µg/l	SUB	<0.01			
Metconazole*	<0.02 µg/l	SUB	<0.02			
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01			
Methamidophos*	<0.01 µg/l	SUB	<0.01			
Methidathion*	<0.01 µg/l	SUB	<0.01			
Methiocarb*	<0.02 µg/l	SUB	<0.01			
Methomyl*	<0.01 µg/l	SUB	<0.01			
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03			
Metobromuron*	<0.03 µg/l	SUB	<0.03			
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01			
Metoxuron*	<0.01 µg/l	SUB	<0.01			
Metribuzin*	<0.03 µg/l	SUB	<0.03			
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01			
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01			
Molinate*	<0.01 µg/l	SUB	<0.01			
Monocrotophos*	<0.01 µg/l	SUB	<0.01			
Monolinuron*	<0.02 µg/l	SUB	<0.02			
Monuron*	<0.02 µg/l	SUB	<0.02			
Napropamide*	<0.01 µg/l	SUB	<0.01			
Naptalam*	<0.03 µg/l	SUB	<0.03			
Neburon*	<0.01 µg/l	SUB	<0.01			
Nicosulfuron*	<0.01 µg/l	SUB	<0.01			
Nuarimol*	<0.02 µg/l	SUB	<0.02			
Omethoate*	<0.05 µg/l	SUB	<0.03			
Oxadixyl*	<0.03 µg/l	SUB	<0.03			
Oxamyl*	<0.01 µg/l	SUB	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Customer Sample Ref.	MIN - 02c				
Results Legend # ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Paclobutrazol*	<0.02 µg/l	SUB	<0.02			
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02			
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02			
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05			
Penconazole*	<0.02 µg/l	SUB	<0.02			
Pencycuron*	<0.02 µg/l	SUB	<0.02			
Pendimethalin*	<0.03 µg/l	SUB	<0.03			
Phorate*	<0.03 µg/l	SUB	<0.03			
Phosalone*	<0.01 µg/l	SUB	<0.01			
Phosmet*	<0.05 µg/l	SUB	<0.05			
Phosphamidon*	<0.01 µg/l	SUB	<0.01			
Picloram*	<0.05 µg/l	SUB	<0.05			
Picoxystrobin*	<0.01 µg/l	SUB	<0.01			
Pirimicarb*	<0.01 µg/l	SUB	<0.01			
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02			
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01			
Pretilachlor*	<0.02 µg/l	SUB	<0.02			
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02			
Prochloraz*	<0.02 µg/l	SUB	<0.02			
Prodiamine*	<0.05 µg/l	SUB	<0.05			
Profenofos*	<0.01 µg/l	SUB	<0.01			
Promecarb*	<0.01 µg/l	SUB	<0.01			
Prometon*	<0.02 µg/l	SUB	<0.02			
Prometryn*	<0.01 µg/l	SUB	<0.01			
Propachlor*	<0.01 µg/l	SUB	<0.01			
Propamocarb*	<0.03 µg/l	SUB	<0.03			
Propanil*	<0.03 µg/l	SUB	<0.03			
Propaquizafop*	<0.03 µg/l	SUB	<0.03			
Propazine*	<0.01 µg/l	SUB	<0.01			
Propham*	<0.05 µg/l	SUB	<0.05			
Propiconazole*	<0.01 µg/l	SUB	<0.01			
Propoxur*	<0.01 µg/l	SUB	<0.01			
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
<small> # ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix) </small>		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Propyzamide*	<0.01 µg/l	SUB	<0.01			
Prosulfocarb*	<0.01 µg/l	SUB	<0.01			
Prothioconazole*	<0.05 µg/l	SUB	<0.05			
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05			
Pyrimethanil*	<0.02 µg/l	SUB	<0.02			
Pyriproxifen*	<0.03 µg/l	SUB	<0.03			
Quinclorac*	<0.02 µg/l	SUB	<0.02			
Quinmerac*	<0.01 µg/l	SUB	<0.01			
Quinoxifen*	<0.04 µg/l	SUB	<0.04			
Quizalofop*	<0.05 µg/l	SUB	<0.05			
Rimsulfuron*	<0.01 µg/l	SUB	<0.01			
Sebuthylazine*	<0.01 µg/l	SUB	<0.01			
Secbumeton*	<0.01 µg/l	SUB	<0.01			
Sethoxydim*	<0.02 µg/l	SUB	<0.02			
Simazine*	<0.01 µg/l	SUB	<0.01			
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01			
Simetryn*	<0.01 µg/l	SUB	<0.01			
Spiroxamine*	<0.01 µg/l	SUB	<0.01			
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01			
Tebuconazole*	<0.01 µg/l	SUB	<0.01			
Tebuthiuron*	<0.02 µg/l	SUB	<0.02			
Teflubenzuron*	<0.03 µg/l	SUB	<0.03			
Terbuthylazine*	<0.01 µg/l	SUB	<0.01			
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01			
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01			
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01			
Terbutryn*	<0.01 µg/l	SUB	<0.01			
Thiabendazole*	<0.03 µg/l	SUB	<0.03			
Thiamethoxam*	<0.01 µg/l	SUB	<0.01			
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01			
Thiobencarb*	<0.01 µg/l	SUB	<0.01			
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03			
Triadimefon*	<0.02 µg/l	SUB	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend		Customer Sample Ref.	MIN - 02c				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677				
Component	LOD/Units	Method					
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	139	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	8.96				
Organic Carbon, Total	<3 mg/l	TM090	9.57	#			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	0.607				
Aluminium (diss.filt)	<10 µg/l	TM152	13.6	#			
Antimony (diss.filt)	<1 µg/l	TM152	<1	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.07	#			
Boron (diss.filt)	<10 µg/l	TM152	248	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	9.51	#			
Copper (diss.filt)	<0.3 µg/l	TM152	2.46	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.206	#			
Manganese (diss.filt)	<3 µg/l	TM152	69.3	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	266	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	14.7	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Zinc (diss.filt)	<1 µg/l	TM152	75	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	66.3	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0884	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	260				
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01				
Nitrite as NO2	<0.05 mg/l	TM184	0.417	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend		Customer Sample Ref.	MIN - 02c				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677				
Component	LOD/Units	Method					
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.264	#			
Sulphate	<2 mg/l	TM184	106	#			
Chloride	<2 mg/l	TM184	101	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0861	#			
Nitrate as NO3	<0.3 mg/l	TM184	51.7				
Turbidity	<0.1 ntu	TM195	2.55	#			
Bromide	<0.06 mg/l	TM226	0.197	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.67	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.761	#			
Salinity	<2	TM256	<2				
Apparent Colour	<1 mg/l Pt/Co	TM261	31.3				
True Colour	<1 mg/l Pt/Co	TM261	20				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDT	<0.01 µg/l	TM343	<0.02				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Results Legend	Customer Sample Ref.	MIN - 02c				
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677				
Component	LOD/Units	Method				
p,p'-DDT	<0.01 µg/l	TM343	<0.03			
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02			
Permethrin I	<0.01 µg/l	TM343	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01			
Triallate	<0.01 µg/l	TM344	<0.01			
Atrazine	<0.01 µg/l	TM344	<0.01			
Simazine	<0.01 µg/l	TM344	<0.14			
Disulfoton	<0.01 µg/l	TM344	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

#	Results Legend	Customer Sample Ref.	MIN - 02c			
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfiltTotal / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method				
Parathion	<0.01 µg/l	TM344	<0.01			
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01			
trans-Chlordane	<0.01 µg/l	TM344	<0.01			
cis-Chlordane	<0.01 µg/l	TM344	<0.01			
Ethion	<0.01 µg/l	TM344	<0.01			
Carbophenothion	<0.01 µg/l	TM344	<0.01			
Triazophos	<0.01 µg/l	TM344	<0.01			
Phosalone	<0.01 µg/l	TM344	<0.01			
Azinphos methyl	<0.02 µg/l	TM344	<0.02			
Azinphos ethyl	<0.02 µg/l	TM344	<0.02			
Etridiazole	<0.01 µg/l	TM345	<0.03			
Pentachlorobenzene	<0.01 µg/l	TM345	<0.02			
Propachlor	<0.01 µg/l	TM345	<0.02			
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.02			
Omethoate	<0.01 µg/l	TM345	<0.02			
Propazine	<0.01 µg/l	TM345	<0.02			
Propyzamide	<0.01 µg/l	TM345	<0.02			
Alachlor	<0.01 µg/l	TM345	<0.02			
Prometryn	<0.01 µg/l	TM345	<0.02			
Telodrin	<0.01 µg/l	TM345	<0.02			
Terbutryn	<0.01 µg/l	TM345	<0.02			
Chlorothalonil	<0.01 µg/l	TM345	<0.1			
Etrimphos	<0.01 µg/l	TM345	<0.02			
Metazachlor	<0.01 µg/l	TM345	<0.02			
Cyanazine	<0.01 µg/l	TM345	<0.02			
Trietazine	<0.01 µg/l	TM345	<0.02			
Coumaphos	<0.01 µg/l	TM345	<0.02			
Phosphamidon I	<0.01 µg/l	TM345	<0.02			
Phosphamidon II	<0.01 µg/l	TM345	<0.02			
Glyphosate	<0.1 µg/l	TM413	0.231			
AMPA	<0.1 µg/l	TM413	1.06			
Metalddehyde	<10 ng/l	TM416	<10			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022
aq	Aqueous / settled sample.			16:04:00	11:57:00	10:53:00	09:40:00	15:04:00	14:22:00	12/04/2022
diss.filt	Dissolved / filtered sample.			12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022	12/04/2022
tot.unfilt	Total / unfiltered sample.			220412-25	220412-25	220412-25	220412-25	220412-25	220412-25	220412-25
	Subcontracted - refer to subcontractor report for accreditation status.			26122681	26122679	26122678	26122674	26122682	26122675	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4**	@ Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	<0.01 #	<0.01 #	<0.01 #	0.0117 #	<0.01 #	<0.01 #	<0.01	
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.00819	
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005	
Fluoranthene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0484 #	0.0275 #	0.0672 #	0.0512 #	0.0585 #	0.0585	
Anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005	
Phenanthrene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0314 #	0.0147 #	0.0421 #	0.0317 #	0.0504 #	0.0504	
Fluorene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005	
Chrysene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0189 #	0.0119 #	0.0261 #	0.0237 #	0.0219 #	0.0219	
Pyrene (aq)	<0.005 µg/l	TM178	0.0101 #	0.0388 #	0.0228 #	0.0495 #	0.0454 #	0.0403 #	0.0403	
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0174 #	0.00692 #	0.0138 #	0.011 #	0.00683 #	0.00683	
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0296 #	0.016 #	0.0336 #	0.0317 #	0.026 #	0.026	
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005 #	0.00907 #	0.00649 #	0.0116 #	0.013 #	0.00994 #	0.00994	
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	<0.002 #	0.0117 #	<0.002 #	0.0111 #	0.0105 #	0.00956 #	0.00956	
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005	
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	0.012 #	0.0128 #	<0.005 #	<0.005	
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0111 #	0.00548 #	0.00971 #	0.0103 #	0.00721 #	0.00721	
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082 #	0.216 #	0.112 #	0.288 #	0.241 #	0.239 #	0.239	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

VOC MS (W)

Results Legend			Customer Sample Ref.		MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
#	ISO17025 accredited.		Depth (m)	Sample Type	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
M	mCERTS accredited.				11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022
aq	Aqueous / settled sample.		Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled
diss.filt	Dissolved / filtered sample.		Sample Time	Sample Time	Sample Time	Sample Time	Sample Time	Sample Time	Sample Time	Sample Time
tot.unfilt	Total / unfiltered sample.		Date Received	Date Received	Date Received	Date Received	Date Received	Date Received	Date Received	Date Received
* Subcontracted - refer to subcontractor report for accreditation status.			SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref	SDG Ref
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)	Lab Sample No.(s)
(F) Trigger breach confirmed			AGS Reference	AGS Reference	AGS Reference	AGS Reference	AGS Reference	AGS Reference	AGS Reference	AGS Reference
1-4*\$@Sample deviation (see appendix)										
Component	LOD/Units	Method								
Dibromofluoromethane**	%	TM208			125	124	127	129	127	126
Toluene-d8**	%	TM208			100	100	99.9	101	98.8	100
4-Bromofluorobenzene**	%	TM208			97.2	98.5	96.1	98.9	100	96.8
Dichlorodifluoromethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Chloromethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Vinyl chloride	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Bromomethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Chloroethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Carbon disulphide	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Dichloromethane	<3 µg/l	TM208			<3	<3	<3	<3	<3	<3
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Bromochloromethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Chloroform	<1 µg/l	TM208			<1	<1	<1	<1	1.04	<1
1,1,1-Trichloroethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Carbontetrachloride	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Benzene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Trichloroethene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Dibromomethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
Toluene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1 µg/l	TM208			<1	<1	<1	<1	<1	<1



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 16:04:00 12/04/2022 220412-25 26122681	Surface Water (SW) 11/04/2022 11:57:00 12/04/2022 220412-25 26122679	Surface Water (SW) 11/04/2022 10:53:00 12/04/2022 220412-25 26122678	Surface Water (SW) 11/04/2022 09:40:00 12/04/2022 220412-25 26122674	Surface Water (SW) 11/04/2022 15:04:00 12/04/2022 220412-25 26122682	Treated Sewage (TS) 11/04/2022 14:22:00 12/04/2022 220412-25 26122675
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromoform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

VOC MS (W)

Results Legend		Customer Sample Ref.					
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*\$@Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	MIN - 02c Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677				
Component	LOD/Units	Method					
Dibromofluoromethane**	%	TM208	128				
Toluene-d8**	%	TM208	98.5				
4-Bromofluorobenzene**	%	TM208	95.8				
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#			
Chloromethane	<1 µg/l	TM208	<1	#			
Vinyl chloride	<1 µg/l	TM208	<1	#			
Bromomethane	<1 µg/l	TM208	<1	#			
Chloroethane	<1 µg/l	TM208	<1	#			
Trichlorofluoromethane	<1 µg/l	TM208	<1	#			
1,1-Dichloroethene	<1 µg/l	TM208	<1	#			
Carbon disulphide	<1 µg/l	TM208	<1	#			
Dichloromethane	<3 µg/l	TM208	<3	#			
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#			
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
1,1-Dichloroethane	<1 µg/l	TM208	<1	#			
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#			
2,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Bromochloromethane	<1 µg/l	TM208	<1	#			
Chloroform	<1 µg/l	TM208	<1	#			
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#			
1,1-Dichloropropene	<1 µg/l	TM208	<1	#			
Carbontetrachloride	<1 µg/l	TM208	<1	#			
1,2-Dichloroethane	<1 µg/l	TM208	<1	#			
Benzene	<1 µg/l	TM208	<1	#			
Trichloroethene	<1 µg/l	TM208	<1	#			
1,2-Dichloropropane	<1 µg/l	TM208	<1	#			
Dibromomethane	<1 µg/l	TM208	<1	#			
Bromodichloromethane	<1 µg/l	TM208	<1	#			
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
Toluene	<1 µg/l	TM208	<1	#			
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#			
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#			
1,3-Dichloropropane	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

VOC MS (W)

#	Customer Sample Ref.	MIN - 02c			
Results Legend # ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 11/04/2022 13:35:00 12/04/2022 220412-25 26122677			
Component	LOD/Units	Method			
Tetrachloroethene	<1 µg/l	TM208	<1	#	
Dibromochloromethane	<1 µg/l	TM208	<1	#	
1,2-Dibromoethane	<1 µg/l	TM208	<1	#	
Chlorobenzene	<1 µg/l	TM208	<1	#	
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#	
Ethylbenzene	<1 µg/l	TM208	<1	#	
m,p-Xylene	<1 µg/l	TM208	<1	#	
o-Xylene	<1 µg/l	TM208	<1	#	
Styrene	<1 µg/l	TM208	<1	#	
Bromoform	<1 µg/l	TM208	<1	#	
Isopropylbenzene	<1 µg/l	TM208	<1	#	
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#	
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#	
Bromobenzene	<1 µg/l	TM208	<1	#	
Propylbenzene	<1 µg/l	TM208	<1	#	
2-Chlorotoluene	<1 µg/l	TM208	<1	#	
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#	
4-Chlorotoluene	<1 µg/l	TM208	<1	#	
tert-Butylbenzene	<1 µg/l	TM208	<1	#	
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#	
sec-Butylbenzene	<1 µg/l	TM208	<1	#	
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#	
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#	
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#	
n-Butylbenzene	<1 µg/l	TM208	<1	#	
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#	
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#	
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#	
Hexachlorobutadiene	<1 µg/l	TM208	<1	#	
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#	
Naphthalene	<1 µg/l	TM208	<1	#	
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#	
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220412-25
Client Ref.: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Test Completion Dates

Lab Sample No(s) Customer Sample Ref.	26122681	26122679	26122678	26122674	26122682	26122675	26122677
	MIN - 01	MIN - 03	MIN - 04	MIN - 05	MIN - 02a	MIN - 02b	MIN - 02c
AGS Ref.							
Depth							
Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated	Surface Water
Acid Herbicides by LCMS*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Acrylamide by LCMS (W)*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Alkalinity as CaCO3	19-Apr-2022	19-Apr-2022	19-Apr-2022	21-Apr-2022	19-Apr-2022	21-Apr-2022	21-Apr-2022
Ammoniacal Nitrogen	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022
Anions by ion Chromatography	14-Apr-2022	14-Apr-2022	14-Apr-2022	20-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022
Anions by Kone (w)	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
Artificial radionuclide by HR gamma	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Bromate by IC*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Chlormequat*	30-Apr-2022	30-Apr-2022	30-Apr-2022	30-Apr-2022	30-Apr-2022	30-Apr-2022	30-Apr-2022
Chlorophyll-a Cold	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	09-May-2022	20-Apr-2022	20-Apr-2022
Clostridium Perfringens*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Colour Test	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022
Cryptosporidium & Giardia*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Cyanide Comp/Free/Total/Thiocyanate	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
Cyanobacteria (Blue Green algae)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Dissolved Metals by ICP-MS	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	19-Apr-2022
Dissolved Organic/Inorganic Carbon	15-Apr-2022	15-Apr-2022	15-Apr-2022	15-Apr-2022	15-Apr-2022	15-Apr-2022	15-Apr-2022
Epichlorohydrin*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Escherichia Coli*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Faecal Streptococci (W)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Fluoride	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
Glyphosate and AMPA	24-Apr-2022	24-Apr-2022	24-Apr-2022	24-Apr-2022	24-Apr-2022	24-Apr-2022	24-Apr-2022
Gross Alpha Activity*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Gross beta activity	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Mercury Dissolved	19-Apr-2022	19-Apr-2022	14-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Metaldehyde	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
Natural radionuclide by HR gamma	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Nitrite by Kone (w)	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
PAH Spec MS - Aqueous (W)	20-Apr-2022	20-Apr-2022	21-Apr-2022	20-Apr-2022	21-Apr-2022	20-Apr-2022	21-Apr-2022
Pesticides (Suite I) by GCMS	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Pesticides (Suite II) by GCMS	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Pesticides (Suite III) by GCMS	19-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	19-Apr-2022
Pesticides by GCMS (W-PESLMS02LL)*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Pesticides by GCMS (W-PESLMS07)*	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
pH Value	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Phosphate by Kone (w)	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022
Total Coliforms(W)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Total Metals by ICP-MS	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
Total Organic and Inorganic Carbon	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022	19-Apr-2022
Tritium by Scintillation	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022	10-May-2022
Turbidity in waters	14-Apr-2022	14-Apr-2022	14-Apr-2022	19-Apr-2022	14-Apr-2022	14-Apr-2022	14-Apr-2022
TVC 22C 3 day (W)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
TVC 37C 1 day (W)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
TVC 37C 2 day (W)*	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022	20-Apr-2022
VOC MS (W)	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022	21-Apr-2022



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

20 April 2022

Test Report: COV/2299787/2022

Dear F.A.O Quotes

Analysis of your sample(s) received on 11 April 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

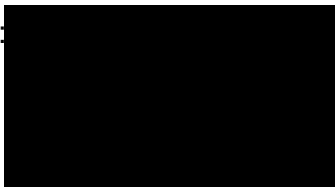
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:



Name:

Title:

Legionella Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**

ANALYSED BY



Individuals' names and
signatures redacted

Date of Issue: **20 April 2022**

Report Number: **COV/2299787/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Job Location: Aceom

Number of Samples
included in this report **7**

Job Received: **11 April 2022**

Number of Test Results
included in this report **112**

Analysis Commenced: **12 April 2022**

Signed:



Name:



Date: **20 April 2022**

Title:

Legionella Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526933**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 16:04**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	31.69	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	14.48	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	17/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.92593	cysts/10l	17/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526933:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species. TVC Estimated.

2 Giardia Like Bodies (8-14 microns)

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

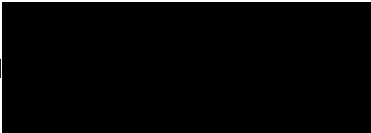

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name: 	Date: 20 April 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526934**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-2A**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 15:04**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	19.62	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	9.45	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	17/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.90090	cysts/10l	17/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526934:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

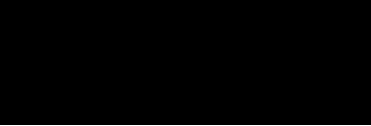

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name: 	Date: 20 April 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526935**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-2B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **11 April 2022 14:22**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	12/04/2022	N Cov	W45
Phaeophytin	<6.00	ug/l	12/04/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	13/04/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	14/04/2022	N Cov	W7
Crypto Sample 4-6um	<0.86957	Oocysts10L	17/04/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	13/04/2022	N Cov	W1
Giardia Sample	<0.86957	cysts/10l	17/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	N Cov	W44

Analyst Comments for 21526935:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus hirae, Enterococcus faecium. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 20 April 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526936**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-2C**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 13:35**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	17.85	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	8.93	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.93458	Oocysts10L	20/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.93458	cysts/10l	20/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526936:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 20 April 2022
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526937**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 11:57**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	11.18	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	<6.00	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	17/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.90090	cysts/10l	17/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526937:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 20 April 2022
	Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526938**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 10:53**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	22.34	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	11.51	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	57	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	57	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.87719	Oocysts10L	20/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	611	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.87719	cysts/10l	20/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526938:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species. TVC Estimated. TVC Estimated.

1 Giardia Like Body (8-14 microns)

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

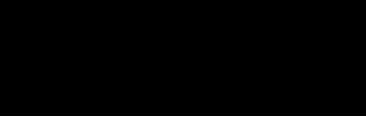

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name: 	Date: 20 April 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2299787/2022**
 Laboratory Number: **21526939**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Surface Water**
 Sample Date/Time: **11 April 2022 09:40**
 Sample Received: **11 April 2022**
 Analysis Complete: **20 April 2022**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	21.55	ug/l	12/04/2022	Y Cov	W45
Phaeophytin	11.99	ug/l	12/04/2022	Y Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	14/04/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	15/04/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	12/04/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	12/04/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	12/04/2022	Y Cov	W10
Enterococci presumptive	62	cfu/100ml	13/04/2022	Y Cov	W7
Enterococci confirmed	62	cfu/100ml	14/04/2022	Y Cov	W7
Crypto Sample 4-6um	<0.90909	Oocysts10L	20/04/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	12/04/2022	Y Cov	W8
TVC 37C 1 day	269	cfu/ml	13/04/2022	Y Cov	W1
Giardia Sample	<0.90909	cysts/10l	20/04/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	12/04/2022	Y Cov	W44

Analyst Comments for 21526939:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 20 April 2022
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Date of Issue: 20 April 2022

Sample No	Analysis Comments
21526933	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species. TVC Estimated.</p>
21526934	<p>2 Giardia Like Bodies (8-14 microns)</p> <p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated.</p>
21526935	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus hirae, Enterococcus faecium. TVC Estimated. TVC Estimated.</p>
21526936	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated.</p>
21526937	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus faecalis, Enterococcus species. TVC Estimated. TVC Estimated.</p>
21526938	<p>This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species. TVC Estimated. TVC Estimated.</p>
21526939	<p>1 Giardia Like Body (8-14 microns)</p> <p>This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Phaeophytin outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium perfringens due to nature of the sample. Enterococci identified as Enterococcus faecium, Enterococcus species. TVC Estimated. TVC Estimated.</p>

Signed:



Name:



Date: 20 April 2022

Title:

Legionella Team Leader



DETERMINAND COMMENTS FOR REPORT COV/2299787/2022

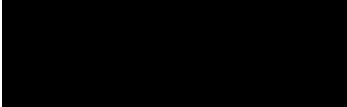

ISSUE 1

This issue replaces all previous issues

Date of Issue: 20 April 2022

Sample No	Description	Determinand	Comments
21526933	MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526933	MIN-01	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526933	MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526933	MIN-01	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526933	MIN-01	TVC 22C 3 day	TVC Estimated.
21526933	MIN-01	TVC 37C 2 day	TVC Estimated.
21526933	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus hirae and Enterococcus species.
21526933	MIN-01	TVC 37C 1 day	TVC Estimated.
21526933	MIN-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526934	MIN-2A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526934	MIN-2A	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526934	MIN-2A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526934	MIN-2A	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526934	MIN-2A	TVC 22C 3 day	TVC Estimated.
21526934	MIN-2A	TVC 37C 2 day	TVC Estimated.
21526934	MIN-2A	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species.
21526934	MIN-2A	TVC 37C 1 day	TVC Estimated.
21526934	MIN-2A	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526935	MIN-2B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526935	MIN-2B	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526935	MIN-2B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526935	MIN-2B	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526935	MIN-2B	TVC 22C 3 day	TVC Estimated.
21526935	MIN-2B	TVC 37C 2 day	TVC Estimated.
21526935	MIN-2B	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus hirae, Enterococcus faecium.
21526935	MIN-2B	TVC 37C 1 day	TVC Estimated.
21526935	MIN-2B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526936	MIN-2C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526936	MIN-2C	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526936	MIN-2C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526936	MIN-2C	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526936	MIN-2C	TVC 22C 3 day	TVC Estimated.
21526936	MIN-2C	TVC 37C 2 day	TVC Estimated.
21526936	MIN-2C	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus species.
21526936	MIN-2C	TVC 37C 1 day	TVC Estimated.
21526936	MIN-2C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526937	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526937	MIN-03	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526937	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526937	MIN-03	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526937	MIN-03	TVC 22C 3 day	TVC Estimated.
21526937	MIN-03	TVC 37C 2 day	TVC Estimated.
21526937	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species.
21526937	MIN-03	TVC 37C 1 day	TVC Estimated.
21526937	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526938	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526938	MIN-04	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526938	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21526938	MIN-04	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526938	MIN-04	TVC 22C 3 day	TVC Estimated.
21526938	MIN-04	TVC 37C 2 day	TVC Estimated.

21526938	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species.
21526938	MIN-04	TVC 37C 1 day	TVC Estimated.
21526938	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.
21526939	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526939	MIN-05	Escherichia coli confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21526939	MIN-05	Total Coliform presump	Confirmation process not been carried out for coliforms due to nature of the sample.
21526939	MIN-05	E.coli presumptive	Confirmation process not been carried out for coliforms due to nature of the sample.
21526939	MIN-05	TVC 22C 3 day	TVC Estimated.
21526939	MIN-05	TVC 37C 2 day	TVC Estimated.
21526939	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species.
21526939	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium perfringens due to nature of the sample.

Signed:  Name:  Date: **20 April 2022**
Title: **Legionella Team Leader**

Individuals' names and signatures redacted

Page Intentionally Left Blank

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-19135-1

Issue No.: 1

Date of Issue 29/04/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact: 

Customer Order No.: 220412-25

Customer Reference: 220412-25

Quotation Reference: 220316/06

Description: 7 water samples

Date Received: 14/04/2022

Date Started: 21/04/2022

Date Completed: 27/04/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: 

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-19135-1

Customer Reference: 220412-25

Customer Order No: 220412-25

Customer Sample No	26128135	26127891	26128218	26127979	26128205	26127947	26128263
Customer Sample ID	MIN - 01	MIN - 02a	MIN - 02b	MIN - 02c	MIN - 03	MIN - 04	MIN - 05
RPS Sample No	488422	488423	488424	488425	488426	488427	488428
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022	11/04/2022

Determinand	CAS No	Codes	SOP	Units	RL						
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-19135-1

Customer Reference: 220412-25

Customer Order No: 220412-25

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
488422	26128135		11/04/2022	500ml green glass bottle	No	
488423	26127891		11/04/2022	500ml green glass bottle	No	
488424	26128218		11/04/2022	500ml green glass bottle	No	
488425	26127979		11/04/2022	500ml green glass bottle	No	
488426	26128205		11/04/2022	500ml green glass bottle	No	
488427	26127947		11/04/2022	500ml green glass bottle	No	
488428	26128263		11/04/2022	500ml green glass bottle	No	

Report No.: 22-19135-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2235820	Issue Date	: 10-May-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220412-25	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 19-Apr-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 19-Apr-2022 - 10-May-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2235820/010, method W-BRO3-IC - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2235820/037, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2235820/043-049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

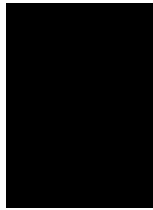
The reference date for activity concentrations of radionuclides is 13.4.2022.

The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Signatories



Position
Environmental Business Unit
Manager

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		26128247 MIN - 02b		26127803 MIN - 02b		26128287 MIN - 02b	
				Laboratory sample ID		PR2235820003		PR2235820010		PR2235820017	
				Client sampling date / time		13-Apr-2022 08:43		13-Apr-2022 07:59		13-Apr-2022 08:47	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<60.0	---	----	---		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128436 MIN - 02b		26128245 MIN - 02b	
				Laboratory sample ID		PR2235820024		PR2235820031		PR2235820038	
				Client sampling date / time		13-Apr-2022 08:53		13-Apr-2022 08:55		13-Apr-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---		
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.52	± 16.3%	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		



Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128436 MIN - 02b		26128245 MIN - 02b	
				Laboratory sample ID		PR2235820024		PR2235820031		PR2235820038	
				Client sampling date / time		13-Apr-2022 08:53		13-Apr-2022 08:55		13-Apr-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128436 MIN - 02b		26128245 MIN - 02b	
				Laboratory sample ID		PR2235820024		PR2235820031		PR2235820038	
				Client sampling date / time		13-Apr-2022 08:53		13-Apr-2022 08:55		13-Apr-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.162	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128436 MIN - 02b		26128245 MIN - 02b	
				Laboratory sample ID		PR2235820024		PR2235820031		PR2235820038	
				Client sampling date / time		13-Apr-2022 08:53		13-Apr-2022 08:55		13-Apr-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128436 MIN - 02b		26128245 MIN - 02b	
				Laboratory sample ID		PR2235820024		PR2235820031		PR2235820038	
				Client sampling date / time		13-Apr-2022 08:53		13-Apr-2022 08:55		13-Apr-2022 08:43	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydro xy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		26128244 MIN - 02b		26128294 MIN - 02b		26127805 MIN - 02b	
				Laboratory sample ID		PR2235820045		PR2235820052		PR2235820059	
				Client sampling date / time		13-Apr-2022 08:43		13-Apr-2022 08:47		13-Apr-2022 07:59	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.071	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		26128244 MIN - 02b		26128294 MIN - 02b		26127805 MIN - 02b	
				Laboratory sample ID		PR2235820045		PR2235820052		PR2235820059	
				Client sampling date / time		13-Apr-2022 08:43		13-Apr-2022 08:47		13-Apr-2022 07:59	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.300	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.420	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.160	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.165	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	0.016	± 30.0%	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26128244 MIN - 02b		26128294 MIN - 02b		26127805 MIN - 02b	
				Laboratory sample ID		PR2235820045		PR2235820052		PR2235820059	
				Client sampling date / time		13-Apr-2022 08:43		13-Apr-2022 08:47		13-Apr-2022 07:59	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.060	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.014	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.360	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.030	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128435 MIN - 02b		----	
				Laboratory sample ID		PR2235820066		PR2235820073		----	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:55		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26128436 MIN - 02b		26128435 MIN - 02b		----	
				Laboratory sample ID		PR2235820066		PR2235820073		----	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:55		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128148 MIN - 01		26127850 MIN - 02a		26128226 MIN - 02c	
				Laboratory sample ID		PR2235820001		PR2235820002		PR2235820004	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128180 MIN - 03		26127974 MIN - 04		26128274 MIN - 05	
				Laboratory sample ID		PR2235820005		PR2235820006		PR2235820007	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26127763 MIN - 01		26127796 MIN - 02a		26127791 MIN - 02c	
				Laboratory sample ID		PR2235820008		PR2235820009		PR2235820011	
				Client sampling date / time		13-Apr-2022 07:55		13-Apr-2022 07:58		13-Apr-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26127782 MIN - 03		26127780 MIN - 04		26127981 MIN - 05	
				Laboratory sample ID		PR2235820012		PR2235820013		PR2235820014	
				Client sampling date / time		13-Apr-2022 07:57		13-Apr-2022 07:57		13-Apr-2022 08:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128131 MIN - 01		26127819 MIN - 02a		26127961 MIN - 02c	
				Laboratory sample ID		PR2235820015		PR2235820016		PR2235820018	
				Client sampling date / time		13-Apr-2022 08:33		13-Apr-2022 08:01		13-Apr-2022 08:08	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128202 MIN - 03		26127980 MIN - 04		26128262 MIN - 05	
				Laboratory sample ID		PR2235820019		PR2235820020		PR2235820021	
				Client sampling date / time		13-Apr-2022 08:39		13-Apr-2022 08:10		13-Apr-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											



Sub-Matrix: SURFACE WATER				Client sample ID		26128202 MIN - 03		26127980 MIN - 04		26128262 MIN - 05	
				Laboratory sample ID		PR2235820019		PR2235820020		PR2235820021	
				Client sampling date / time		13-Apr-2022 08:39		13-Apr-2022 08:10		13-Apr-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		26128492 MIN - 01		26128432 MIN - 02a		26128422 MIN - 02c	
				Laboratory sample ID		PR2235820022		PR2235820023		PR2235820025	
				Client sampling date / time		13-Apr-2022 08:57		13-Apr-2022 08:54		13-Apr-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	<0.07	---	<0.07	---

Sub-Matrix: SURFACE WATER				Client sample ID		26128444 MIN - 03		26128479 MIN - 04		26128459 MIN - 05	
				Laboratory sample ID		PR2235820026		PR2235820027		PR2235820028	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:56		13-Apr-2022 08:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.07	---	<0.06	---	<0.07	---	<0.07	---

Sub-Matrix: SURFACE WATER				Client sample ID		26128492 MIN - 01		26128432 MIN - 02a		26128422 MIN - 02c	
				Laboratory sample ID		PR2235820029		PR2235820030		PR2235820032	
				Client sampling date / time		13-Apr-2022 08:57		13-Apr-2022 08:54		13-Apr-2022 08:53	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.34	± 17.9%	0.31	± 18.4%	0.34	± 17.9%	0.34	± 17.9%

Sub-Matrix: SURFACE WATER				Client sample ID		26128444 MIN - 03		26128479 MIN - 04		26128459 MIN - 05	
				Laboratory sample ID		PR2235820033		PR2235820034		PR2235820035	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:56		13-Apr-2022 08:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.43	± 16.9%	0.35	± 17.8%	0.37	± 17.5%	0.37	± 17.5%

Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
				Laboratory sample ID		PR2235820036		PR2235820037		PR2235820039	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetamidiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---	<0.010	---
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---	<0.030	---
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---	<0.020	---
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---



Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
				Laboratory sample ID		PR2235820036		PR2235820037		PR2235820039	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.021	± 30.0%	<0.010	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
Laboratory sample ID				PR2235820036		PR2235820037		PR2235820039			
Client sampling date / time				13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoaxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.036	± 30.0%	0.074	± 30.0%	0.092	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
Laboratory sample ID				PR2235820036		PR2235820037		PR2235820039			
Client sampling date / time				13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	0.010	± 30.0%	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.020	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
Laboratory sample ID				PR2235820036		PR2235820037		PR2235820039			
Client sampling date / time				13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	0.012	± 30.0%	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128141 MIN - 01		26127847 MIN - 02a		26128225 MIN - 02c	
				Laboratory sample ID		PR2235820036		PR2235820037		PR2235820039	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128179 MIN - 03		26127973 MIN - 04		26128273 MIN - 05	
				Laboratory sample ID		PR2235820040		PR2235820041		PR2235820042	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128179 MIN - 03		26127973 MIN - 04		26128273 MIN - 05	
				Laboratory sample ID		PR2235820040		PR2235820041		PR2235820042	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128179 MIN - 03		26127973 MIN - 04		26128273 MIN - 05	
				Laboratory sample ID		PR2235820040		PR2235820041		PR2235820042	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.061	± 30.0%	0.056	± 30.0%	0.037	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	0.017	± 30.0%	0.020	± 30.0%	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128179 MIN - 03		26127973 MIN - 04		26128273 MIN - 05	
				Laboratory sample ID		PR2235820040		PR2235820041		PR2235820042	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	0.022	± 30.0%	0.015	± 30.0%	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	<0.020	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128179 MIN - 03		26127973 MIN - 04		26128273 MIN - 05	
				Laboratory sample ID		PR2235820040		PR2235820041		PR2235820042	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128140 MIN - 01		26127844 MIN - 02a		26128222 MIN - 02c	
				Laboratory sample ID		PR2235820043		PR2235820044		PR2235820046	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.30	---	<1.50	---	<1.50	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.200	---	<0.300	---	<0.300	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.330	---	<0.330	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	<0.090	---	<0.090	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128140 MIN - 01		26127844 MIN - 02a		26128222 MIN - 02c	
				Laboratory sample ID		PR2235820043		PR2235820044		PR2235820046	
				Client sampling date / time		13-Apr-2022 08:35		13-Apr-2022 08:02		13-Apr-2022 08:42	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.040	---	<0.060	---	<0.060	---		
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.010	---	0.019	± 30.0%	0.023	± 30.0%		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.060	---	<0.060	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.047	± 30.0%	0.040	± 30.0%	0.036	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	<0.360	---	<0.360	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128176 MIN - 03		26127972 MIN - 04		26128271 MIN - 05	
				Laboratory sample ID		PR2235820047		PR2235820048		PR2235820049	
				Client sampling date / time		13-Apr-2022 08:37		13-Apr-2022 08:09		13-Apr-2022 08:45	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	<1.50	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.030	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.300	---	<0.300	---	<0.300	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.330	---	<0.330	---	<0.330	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.090	---	<0.090	---	<0.090	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.160	---	<0.040	---	<0.160	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	0.038	± 30.0%	0.038	± 30.0%	0.030	± 30.0%		
MCPB	W-PESLMS04	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.072	± 30.0%	0.055	± 30.0%	0.040	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.360	---	<0.360	---	<0.360	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128195 MIN - 01		26128203 MIN - 02a		26127963 MIN - 02c	
				Laboratory sample ID		PR2235820050		PR2235820051		PR2235820053	
				Client sampling date / time		13-Apr-2022 08:38		13-Apr-2022 08:39		13-Apr-2022 08:08	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		26128195 MIN - 01		26128203 MIN - 02a		26127963 MIN - 02c	
				Laboratory sample ID		PR2235820050		PR2235820051		PR2235820053	
				Client sampling date / time		13-Apr-2022 08:38		13-Apr-2022 08:39		13-Apr-2022 08:08	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	0.092	± 30.0%	0.104	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128195 MIN - 01		26128203 MIN - 02a		26127963 MIN - 02c	
				Laboratory sample ID		PR2235820050		PR2235820051		PR2235820053	
				Client sampling date / time		13-Apr-2022 08:38		13-Apr-2022 08:39		13-Apr-2022 08:08	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128210 MIN - 03		26127957 MIN - 04		26128266 MIN - 05	
				Laboratory sample ID		PR2235820054		PR2235820055		PR2235820056	
				Client sampling date / time		13-Apr-2022 08:40		13-Apr-2022 08:07		13-Apr-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128210 MIN - 03		26127957 MIN - 04		26128266 MIN - 05	
				Laboratory sample ID		PR2235820054		PR2235820055		PR2235820056	
				Client sampling date / time		13-Apr-2022 08:40		13-Apr-2022 08:07		13-Apr-2022 08:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.082	± 30.0%	0.068	± 30.0%	<0.050	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26127764 MIN - 01		26127798 MIN - 02a		26127792 MIN - 02c	
				Laboratory sample ID		PR2235820057		PR2235820058		PR2235820060	
				Client sampling date / time		13-Apr-2022 07:56		13-Apr-2022		13-Apr-2022 07:58	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.072	± 60.0%	0.430	± 20.1%	0.330	± 20.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26127783 MIN - 03		26127781 MIN - 04		26127982 MIN - 05	
				Laboratory sample ID		PR2235820061		PR2235820062		PR2235820063	



Sub-Matrix: SURFACE WATER				Client sample ID		26127783 MIN - 03		26127781 MIN - 04		26127982 MIN - 05	
				Laboratory sample ID		PR2235820061		PR2235820062		PR2235820063	
				Client sampling date / time		13-Apr-2022 07:57		13-Apr-2022 07:57		13-Apr-2022 08:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.600	± 20.1%	0.590	± 20.1%	0.190	± 35.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128492 MIN - 01		26128432 MIN - 02a		26128422 MIN - 02c	
				Laboratory sample ID		PR2235820064		PR2235820065		PR2235820067	
				Client sampling date / time		13-Apr-2022 08:57		13-Apr-2022 08:54		13-Apr-2022 08:53	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128444 MIN - 03		26128479 MIN - 04		26128459 MIN - 05	
				Laboratory sample ID		PR2235820068		PR2235820069		PR2235820070	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:56		13-Apr-2022 08:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26128491 MIN - 01		26128431 MIN - 02a		26128421 MIN - 02c	
				Laboratory sample ID		PR2235820071		PR2235820072		PR2235820074	
				Client sampling date / time		13-Apr-2022 08:57		13-Apr-2022 08:54		13-Apr-2022 08:53	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26128441 MIN - 03		26128476 MIN - 04		26128457 MIN - 05	
				Laboratory sample ID		PR2235820075		PR2235820076		PR2235820077	
				Client sampling date / time		13-Apr-2022 08:55		13-Apr-2022 08:56		13-Apr-2022 08:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 220412-25
Client Ref: 60663957

Report Number: 647703
Location: Minworth

Superseded Report: 645522

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subject to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Astos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anorthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528777

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation: 17 June 2022
Customer: Aecom
Sample Delivery Group (SDG): 220510-19
Your Reference: 60663957
Location: Minworth
Report No: 651090
Order Number:

This report has been revised and directly supersedes 651019 in its entirety.

We received 7 samples on Saturday May 07, 2022 and 7 of these samples were scheduled for analysis which was completed on Friday June 17, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

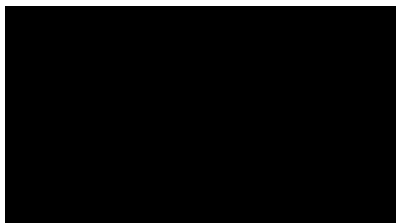
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
26250924	MIN- 01			04/05/2022
26250919	MIN- 03			04/05/2022
26250917	MIN- 04			04/05/2022
26250916	MIN- 05			04/05/2022
26250921	MIN- 02a			04/05/2022
26250922	MIN- 02b			04/05/2022
26250920	MIN- 02c			04/05/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	26250924	26250919	26250917	26250916	26250921	26250922	26250920
Customer Sample Reference	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b	MIN-02c
AGS Reference							
Depth (m)							
Container							
Sample Type	SW	SW	SW	SW	SW	TS	SW

Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X	X
Tritium by Scintillation	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend	Lab Sample No(s)	26250924														26250919						
	Customer Sample Reference	MIN-01														MIN-03						
AGS Reference																						
Depth (m)																						
Container		0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	11plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	1000ml glass bottle (ALE220)	11plastic (ALE221)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	SW	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7	X									X										
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7	X									X										
Alkalinity as CaCO ₃	All	NDPs: 0 Tests: 7				X											X					
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7						X												X		
Anions by ion Chromatography	All	NDPs: 0 Tests: 7				X											X					
Anions by Kone (w)	All	NDPs: 0 Tests: 7				X											X					
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7				X											X					
Bromate by IC*	All	NDPs: 0 Tests: 7				X											X					
Chloromequat*	All	NDPs: 0 Tests: 7	X									X										
Chlorophyll-a Cold	All	NDPs: 0 Tests: 7		X										X								
Clostridium Perfringens*	All	NDPs: 0 Tests: 7		X										X								
Colour Test	All	NDPs: 0 Tests: 7				X											X					
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7		X										X								
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7								X												
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7		X										X								



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
26250916	MIN-05			500ml Plastic (ALE208)	TS
26250921	MIN-02a			330ml plastic bottle (ALE503)	TS
26250922	MIN-02b			250ml Amber Gl. PTFE/PE (ALE219)	TS
				1l plastic (ALE221)	TS
				1000ml glass bottle (ALE220)	TS
				0.5l glass bottle (ALE227)	TS
				Vial (ALE297)	SW
				NaOH (ALE245)	SW
				HNO3 Unfiltered (ALE204)	SW
				HNO3 Filtered (ALE204)	SW
				H2SO4 (ALE244)	SW
				500ml Plastic (ALE208)	SW
				330ml plastic bottle (ALE503)	SW
				250ml Amber Gl. PTFE/PE (ALE219)	SW
				1l plastic (ALE221)	SW
				0.5l glass bottle (ALE227)	SW
				Vial (ALE297)	SW
				NaOH (ALE245)	SW
				HNO3 Unfiltered (ALE204)	SW

Parameter	All	NDPs: 0 Tests: 7	26250916	26250921	26250922
Pesticides by GCMS (W-PESLMS07)*	All	NDPs: 0 Tests: 7	X	X	
pH Value	All	NDPs: 0 Tests: 7			X
Phosphate by Kone (w)	All	NDPs: 0 Tests: 7		X	X
Total Coliforms(W)*	All	NDPs: 0 Tests: 7		X	X
Total Metals by ICP-MS	All	NDPs: 0 Tests: 7	X		X
Total Organic and Inorganic Carbon	All	NDPs: 0 Tests: 7		X	
Turbidity in waters	All	NDPs: 0 Tests: 7		X	X
TVC 22C 3 day (W)*	All	NDPs: 0 Tests: 7		X	X
TVC 37C 1 day (W)*	All	NDPs: 0 Tests: 7		X	X
TVC 37C 2 day (W)*	All	NDPs: 0 Tests: 7		X	X
VOC MS (W)	All	NDPs: 0 Tests: 7	X	X	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
aq	Aqueous / settled sample.			15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00	14:21:00
diss.filt	Dissolved / filtered sample.			07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
tot.unfilt	Total / unfiltered sample.			220510-19	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
*	Subcontracted - refer to subcontractor report for accreditation status.			26250924	26250919	26250917	26250916	26250921	26250922	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4**@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2,3,6-TBA*	<0.1 µg/l	SUB	<2	<2	<2	<2	<2	<2	<2	
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Acrylamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Act-227*	<0.2 Bq/l	SUB	<0.22	<0.2	<0.2	<0.2	<0.24	<0.2	<0.2	
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<60	
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	120	<7	16.6	16.6	13	<7	<7	
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.98	<0.926	<0.901	<0.877	<0.952	<0.971	<0.971	
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0	0	0	0	0	0	335	
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	79	>100	>100	>100	>100	
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.12	<0.07	<0.04	<0.04	<0.15	<0.07	<0.07	
Gross Beta Activity*	<0.1 Bq/l	SUB	0.36	0.41	0.4	0.42	0.33	0.46	0.46	
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
2,4,5-T*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	79	>100	>100	>100	>100	
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	79	>100	>100	>100	>100	
Giardia (B0X)*	<0 cysts/10L	SUB	<0.98	<0.926	<0.901	<0.877	<0.952	<0.971	<0.971	
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sq. Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis. fil. Dissolved / filtered sample.			Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
tot.unfil. Total / unfiltered sample.			Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
* Subcontracted - refer to subcontractor report for accreditation status.			Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
(F) Trigger breach confirmed			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
1-4**@ Sample deviation (see appendix)			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	79	>100	>100	>100	>100
I-131*	<0.05 Bq/l	SUB	<0.05	0.12	0.1	0.14	0.1	<0.05	<0.05
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acetamiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	<1
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-223*	<0.2 Bq/l	SUB	<0.25	<0.2	<0.2	<0.2	<0.25	<0.2	<0.2
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-CPP*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acifluorfen*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Clofentezine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.23	<0.24	<0.24
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aminopyralid*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzazolin*	<0.05 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method							
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bentazone*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Etoxazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filter Dissolved / filtered sample.			Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
tot.unfilt Total / unfiltered sample.			Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
* Subcontracted - refer to subcontractor report for accreditation status.			Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
(F) Trigger breach confirmed			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
1-4**@ Sample deviation (see appendix)			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
BAM*	<0.01 µg/l	SUB		0.018	<0.02	0.013	0.01	<0.01	<0.01
Fluquinconazole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-toloxoy) butyric acid (MCPB)*	<0.02 µg/l	SUB		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BDMC*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPP (isomers)*	<0.01 µg/l	SUB		<0.1	0.139	0.17	<0.1	0.271	<0.1
Bendiocarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bentazone methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB		<0.05	0.078	0.08	<0.05	0.072	0.123
Propoxycarbazone-sodium*	<0.01 µg/l	SUB		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bifenox*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bitertanol*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Boscalid*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
#	ISO17025 accredited.								
M	mCERTS accredited.								
sq	Aqueous / settled sample.								
dis. fil.	Dissolved / filtered sample.								
tot. unfil.	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery.								
(F)	Trigger breach confirmed								
1-4**@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
			Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
			Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Pethoxamid*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuron*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method							
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlormid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB	<0.02	0.012	<0.02	<0.01	<0.01	<0.01	<0.01
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis. fil. Dissolved / filtered sample.		tot.unfil. Total / unfiltered sample.	Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Fipronil*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Florasulam*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	0.135
Imazamethabenz-methyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB		0.029	0.059	0.051	0.037	0.074	0.105
Indoxacarb*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monomesmethyl*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.04
Malaaxon*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	0.012	<0.01	<0.01	<0.01	<0.01	<0.02
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filter Dissolved / filtered sample.	dis.unfilter Total / unfiltered sample.	* Subcontracted - refer to subcontractor report for accreditation status.	Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	(F) Trigger breach confirmed	1-4* Sample deviation (see appendix)	Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
			Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
#	ISO17025 accredited.								
M	mCERTS accredited.								
sq	Aqueous / settled sample.								
dis.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery.								
(F)	Trigger breach confirmed								
1-4**@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
			Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
			Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Propyzamide*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quinclorac*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB		<0.02	<0.02	<0.03	0.018	0.02	<0.02
Tebuthiuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn*	<0.01 µg/l	SUB		<0.01	0.013	<0.01	<0.01	<0.01	<0.01
Thiabendazole*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	0.045
Thiamethoxam*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* @ Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method							
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tri-allate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	160 #	125 #	135 #	160 #	129 #	60 #	#
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.71	10	9.63	8.37	11	9.74	#
Organic Carbon, Total	<3 mg/l	TM090	9.01 @ #	10.2 @ #	13.6 @ #	8.91 @ #	12 @ #	10.9 @ #	@ #
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	0.319 #	0.423 #	<0.2 #	<0.2 #	0.306 #	<0.2 #	#
Fluoride	<0.5 mg/l	TM104	<0.5 #	0.629 #	0.521 #	<0.5 #	0.62 #	0.685 #	#
Aluminium (diss.filt)	<10 µg/l	TM152	12.1 #	<10 #	<10 #	12.1 #	30.9 #	<10 #	#
Antimony (diss.filt)	<1 µg/l	TM152	1.66 #	<1 #	<1 #	<1 #	1.54 #	1.09 #	#
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.59 #	1.52 #	1.5 #	1.63 #	1.47 #	0.754 #	#
Boron (diss.filt)	<10 µg/l	TM152	266 #	191 #	188 #	175 #	290 #	121 #	#
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	#
Chromium (diss.filt)	<1 µg/l	TM152	2.06 #	1.35 #	1.06 #	<1 #	2.45 #	<1 #	#
Copper (diss.filt)	<0.3 µg/l	TM152	3.75 #	2.28 #	3.67 #	3.81 #	3.84 #	0.612 #	#
Lead (diss.filt)	<0.2 µg/l	TM152	0.414 #	<0.2 #	0.208 #	0.248 #	2.39 #	<0.2 #	#
Manganese (diss.filt)	<3 µg/l	TM152	66.8 #	103 #	72.6 #	33.4 #	82.3 #	72.8 #	#
Phosphorus (tot.unfilt)	<20 µg/l	TM152	423 #	327 #	355 #	368 #	466 #	812 #	#
Nickel (diss.filt)	<0.4 µg/l	TM152	11.6 #	19.1 #	15.2 #	9.03 #	21.4 #	13 #	#
Selenium (diss.filt)	<1 µg/l	TM152	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	#
Zinc (diss.filt)	<1 µg/l	TM152	60.9 #	116 #	90.2 #	65.6 #	160 #	114 #	#
Sodium (Dis.Filt)	<0.076 mg/l	TM152	58.6 #	64.2 #	61.1 #	66.9 #	73.1 #	61 #	#
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0765 #	0.0826 #	0.0599 #	0.0497 #	0.106 #	0.0542 #	#
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	285 #	231 #	259 #	336 #	248 #	166 #	#
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	#
Nitrite as NO2	<0.05 mg/l	TM184	0.477 #	0.538 #	0.468 #	0.276 #	0.312 #	0.665 #	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method							
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.227	0.622	0.699	0.802	0.468	1.87	#
Sulphate	<2 mg/l	TM184	104	108	103	143	96.4	86.8	#
Chloride	<2 mg/l	TM184	80.4	83.6	80.6	91.8	99.9	84.5	#
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.0741	0.203	0.228	0.262	0.153	0.609	#
Nitrate as NO3	<0.3 mg/l	TM184	24.4	37.6	36.1	26.5	60.1	57.2	#
Turbidity	<0.1 ntu	TM195	22.2	4.81	5.34	3.17	5.15	3.88	@ #
Bromide	<0.06 mg/l	TM226	0.224	0.199	0.176	0.216	0.369	0.228	#
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	#
pH	<1 pH Units	TM256	7.61	7.62	7.68	7.9	7.53	6.81	#
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.753	0.757	0.753	0.87	0.798	0.644	#
Salinity	<2	TM256	<2	<2	<2	<2	<2	<2	#
Apparent Colour	<1 mg/l Pt/Co	TM261	39.4	30.5	28.7	25.6	30.7	27.3	#
True Colour	<1 mg/l Pt/Co	TM261	7.87	21.1	18	15	21.3	15.6	#
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	#
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Aldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
o,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.03	<0.01	#
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	#
Endosulphan II	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.03	<0.02	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method						
p,p'-DDT	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.03	<0.01
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.03	<0.01
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.045	<0.01
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.03	<0.02
Permethrin I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01
Permethrin II	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Atrazine	<0.01 µg/l	TM344	0.0163	0.0232	0.0188	0.0168	0.0208	<0.01
Simazine	<0.01 µg/l	TM344	<0.01	0.0589	<0.01	<0.01	0.0659	<0.01
Disulfoton	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenthion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triadimefon	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited.	M mCERTS accredited.	sg. Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt. Dissolved / filtered sample.		tot.unfilt. Total / unfiltered sample.	Sample Type	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
			Date Received	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
			SDG Ref	26250924	26250919	26250917	26250916	26250921	26250922
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Parathion	<0.01 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
Etrimpfos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	<1	0.498	0.478	0.373	0.499	0.251	
AMPA	<0.1 µg/l	TM413	<1	1.28	1.25	0.996	1.15	0.665	
Metalddehyde	<10 ng/l	TM416	<10	<10	<10	<10	<10	<10	<10



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*\$@	Sample deviation (see appendix)					
Component	LOD/Units	Method				
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<2			
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.05			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Chlorophyll-a COLD (BU9)*	<7 µg/l	SUB	13.6			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>100			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.901			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.1			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.42			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.1			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05			
Clostridium Perfringens (MZP)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.901			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.1			
2-Chloro-2,6-diethylacetanilide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100				
I-131*	<0.05 Bq/l	SUB	<0.05				
K-40*	<2 Bq/l	SUB	<2				
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100				
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	<0.1				
Acetamiprid*	<0.01 µg/l	SUB	<0.01				
Am-241*	<0.5 Bq/l	SUB	<0.5				
Azaconazole*	<0.05 µg/l	SUB	<0.05				
Pa-231*	<1 Bq/l	SUB	<1				
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.2				
Acetochlor*	<0.03 µg/l	SUB	<0.03				
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05				
Ra-223*	<0.2 Bq/l	SUB	<0.2				
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.1				
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03				
Buprofezin*	<0.05 µg/l	SUB	<0.05				
Ra-226*	<0.2 Bq/l	SUB	<0.2				
4-CPP*	<0.01 µg/l	SUB	<0.1				
Aclonifen*	<0.03 µg/l	SUB	<0.03				
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05				
Ra-228*	<0.2 Bq/l	SUB	<0.2				
Acifluorfen*	<0.01 µg/l	SUB	<0.1				
Alachlor*	<0.02 µg/l	SUB	<0.02				
Clofentezine*	<0.05 µg/l	SUB	<0.05				
Th-227*	<0.2 Bq/l	SUB	<0.2				
Aldicarb*	<0.05 µg/l	SUB	<0.05				
Aminopyralid*	<0.05 µg/l	SUB	<0.5				
Cyflufenamid*	<0.05 µg/l	SUB	<0.05				
Th-228*	<0.2 Bq/l	SUB	<0.2				
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01				
Benazolin*	<0.05 µg/l	SUB	<0.5				
Desmedipham*	<0.05 µg/l	SUB	<0.05				
Th-230*	<10 Bq/l	SUB	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Ametryn*	<0.01 µg/l	SUB	<0.01				
Bentazone*	<0.01 µg/l	SUB	<0.1				
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.1				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.3				
Etoxazole*	<0.05 µg/l	SUB	<0.05				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.3				
Famoxadone*	<0.05 µg/l	SUB	<0.05				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.2				
Famphur*	<0.05 µg/l	SUB	<0.05				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.2				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.4				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.3				
Fenothiocarb*	<0.05 µg/l	SUB	<0.05				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.05				
Fluroxypyr*	<0.02 µg/l	SUB	<0.2				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.05				
loxynil*	<0.01 µg/l	SUB	<0.1				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	<0.1				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
BAM*	<0.01 µg/l	SUB	<0.02				
Fluquinconazole*	<0.05 µg/l	SUB	<0.05				
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.2				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.05				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.05				
MCPP (isomers)*	<0.01 µg/l	SUB	0.207				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05				
Picloram*	<0.02 µg/l	SUB	<0.2				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	0.077				
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05				
Triclopyr*	<0.03 µg/l	SUB	<0.3				
Bitertanol*	<0.02 µg/l	SUB	<0.02				
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05				
Triclosan*	<0.05 µg/l	SUB	<0.5				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.05				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.05				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.05				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.05				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05				
Carbetamide*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Pethoxamid*	<0.05 µg/l	SUB	<0.05				
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.05				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.05				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.05				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.05				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.05				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafuron*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.05				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Trifluron*	<0.05 µg/l	SUB	<0.05				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#% Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Clodinafop*	<0.03 µg/l	SUB	<0.03				
Tritosulfuron*	<0.05 µg/l	SUB	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05				
Dichlorimid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxyuron*	<0.02 µg/l	SUB	<0.02				
Diflubenzuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	0.014				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	0.016				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfotion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Fipronil*	<0.05 µg/l	SUB	<0.05				
Florasulam*	<0.02 µg/l	SUB	<0.02				
Fluazifop*	<0.02 µg/l	SUB	<0.02				
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02				
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02				
Flusilazole*	<0.01 µg/l	SUB	<0.01				
Flutolanil*	<0.02 µg/l	SUB	<0.02				
Fonofos*	<0.05 µg/l	SUB	<0.05				
Foramsulfuron*	<0.01 µg/l	SUB	<0.01				
Furathiocarb*	<0.02 µg/l	SUB	<0.02				
Haloxifop*	<0.03 µg/l	SUB	<0.03				
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03				
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03				
Hexaconazole*	<0.02 µg/l	SUB	<0.02				
Hexazinone*	<0.01 µg/l	SUB	<0.01				
Hexythiazox*	<0.02 µg/l	SUB	<0.02				
Imazalil*	<0.03 µg/l	SUB	<0.03				
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01				
Imazamox*	<0.01 µg/l	SUB	<0.01				
Imazethapyr*	<0.01 µg/l	SUB	<0.01				
Imidacloprid*	<0.02 µg/l	SUB	0.061				
Indoxacarb*	<0.05 µg/l	SUB	<0.05				
Iprodione*	<0.03 µg/l	SUB	<0.03				
Iprovalicarb*	<0.01 µg/l	SUB	<0.01				
Isoproturon*	<0.01 µg/l	SUB	<0.01				
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02				
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02				
Isopyrazam*	<0.03 µg/l	SUB	<0.03				
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03				
Lenacil*	<0.03 µg/l	SUB	<0.03				
Linuron*	<0.02 µg/l	SUB	<0.02				
Malaoxon*	<0.02 µg/l	SUB	<0.02				
Malathion*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Mandipropamid*	<0.02 µg/l	SUB	<0.02				
Mecarbam*	<0.02 µg/l	SUB	<0.02				
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02				
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Mesotrione*	<0.05 µg/l	SUB	<0.05				
Metaxalyl (isomers)*	<0.01 µg/l	SUB	<0.01				
Metamitron*	<0.03 µg/l	SUB	<0.03				
Metazachlor*	<0.01 µg/l	SUB	<0.01				
Metconazole*	<0.02 µg/l	SUB	<0.02				
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01				
Methamidophos*	<0.01 µg/l	SUB	<0.01				
Methidathion*	<0.01 µg/l	SUB	<0.01				
Methiocarb*	<0.02 µg/l	SUB	<0.01				
Methomyl*	<0.01 µg/l	SUB	<0.01				
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03				
Metobromuron*	<0.03 µg/l	SUB	<0.03				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metoxuron*	<0.01 µg/l	SUB	<0.01				
Metribuzin*	<0.03 µg/l	SUB	<0.03				
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01				
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Molinate*	<0.01 µg/l	SUB	<0.01				
Monocrotophos*	<0.01 µg/l	SUB	<0.01				
Monolinuron*	<0.02 µg/l	SUB	<0.02				
Monuron*	<0.02 µg/l	SUB	<0.02				
Napropamide*	<0.01 µg/l	SUB	<0.01				
Naptalam*	<0.03 µg/l	SUB	<0.03				
Neburon*	<0.01 µg/l	SUB	<0.01				
Nicosulfuron*	<0.01 µg/l	SUB	<0.01				
Nuarimol*	<0.02 µg/l	SUB	<0.02				
Omethoate*	<0.05 µg/l	SUB	<0.03				
Oxadixyl*	<0.03 µg/l	SUB	<0.03				
Oxamyl*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Prochloraz*	<0.02 µg/l	SUB	<0.02				
Prodiamine*	<0.05 µg/l	SUB	<0.05				
Profenofos*	<0.01 µg/l	SUB	<0.01				
Promecarb*	<0.01 µg/l	SUB	<0.01				
Prometon*	<0.02 µg/l	SUB	<0.02				
Prometryn*	<0.01 µg/l	SUB	<0.01				
Propachlor*	<0.01 µg/l	SUB	<0.01				
Propamocarb*	<0.03 µg/l	SUB	<0.03				
Propanil*	<0.03 µg/l	SUB	<0.03				
Propaquizafop*	<0.03 µg/l	SUB	<0.03				
Propazine*	<0.01 µg/l	SUB	<0.01				
Propham*	<0.05 µg/l	SUB	<0.05				
Propiconazole*	<0.01 µg/l	SUB	<0.01				
Propoxur*	<0.01 µg/l	SUB	<0.01				
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Propyzamide*	<0.01 µg/l	SUB	<0.01				
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quinclorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.02				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	<0.01				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Triadimenol*	<0.01 µg/l	SUB	<0.01				
Tri-allate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	125	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	9.94				
Organic Carbon, Total	<3 mg/l	TM090	10.3	@ #			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	0.593				
Aluminium (diss.filt)	<10 µg/l	TM152	12	#			
Antimony (diss.filt)	<1 µg/l	TM152	<1	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.43	#			
Boron (diss.filt)	<10 µg/l	TM152	266	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	1.85	#			
Copper (diss.filt)	<0.3 µg/l	TM152	2.67	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.306	#			
Manganese (diss.filt)	<3 µg/l	TM152	69.9	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	432	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	18.9	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Zinc (diss.filt)	<1 µg/l	TM152	90.2	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	70.3	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0773	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	249				
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01				
Nitrite as NO2	<0.05 mg/l	TM184	0.399	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.515	#			
Sulphate	<2 mg/l	TM184	97.8	#			
Chloride	<2 mg/l	TM184	82.5	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.168	#			
Nitrate as NO3	<0.3 mg/l	TM184	38.2				
Turbidity	<0.1 ntu	TM195	4.15	@ #			
Bromide	<0.06 mg/l	TM226	0.324	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.52	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.784	#			
Salinity	<2	TM256	<2				
Apparent Colour	<1 mg/l Pt/Co	TM261	29.1				
True Colour	<1 mg/l Pt/Co	TM261	18.6				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.01				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDT	<0.01 µg/l	TM343	<0.01				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920			
Component	LOD/Units	Method				
p,p'-DDT	<0.01 µg/l	TM343	<0.01			
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01			
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.01			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.02			
Permethrin I	<0.01 µg/l	TM343	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.02			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.04			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.02			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.01			
Dichlobenil	<0.01 µg/l	TM344	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01			
Triallate	<0.01 µg/l	TM344	<0.01			
Atrazine	<0.01 µg/l	TM344	0.0159			
Simazine	<0.01 µg/l	TM344	0.0699			
Disulfoton	<0.01 µg/l	TM344	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01			
Malathion	<0.01 µg/l	TM344	<0.01			
Fenthion	<0.01 µg/l	TM344	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.02			
Triadimefon	<0.01 µg/l	TM344	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis.filt. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Parathion	<0.01 µg/l	TM344	<0.02				
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01				
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.02				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.01				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.02				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.02				
Etrimpfos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.02				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.465				
AMPA	<0.1 µg/l	TM413	1.16				
Metalddehyde	<10 ng/l	TM416	<10				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022
aq	Aqueous / settled sample.			15:15:00	11:32:00	09:52:00	08:28:00	13:27:00	14:21:00	14:21:00
diss.filt	Dissolved / filtered sample.			07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022	07/05/2022
tot.unfilt	Total / unfiltered sample.			220510-19	220510-19	220510-19	220510-19	220510-19	220510-19	220510-19
	Subcontracted - refer to subcontractor report for accreditation status.			26250924	26250919	26250917	26250916	26250921	26250922	
	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4*§@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	<0.01 #	<0.01 #	<0.01 #	<0.01 #	0.0427 #	0.0169 #		
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.0077 #	<0.005 #		
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.117 #	0.0148 #	0.0161 #	0.0195 #	0.215 #	0.0874 #		
Anthracene (aq)	<0.005 µg/l	TM178	0.0061 #	<0.005 #	<0.005 #	<0.005 #	0.0075 #	<0.005 #		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0442 #	<0.005 #	<0.005 #	0.0133 #	0.187 #	0.0749 #		
Fluorene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	0.007 #	<0.005 #		
Chrysene (aq)	<0.005 µg/l	TM178	0.0688 #	<0.005 #	<0.005 #	<0.005 #	0.114 #	0.0427 #		
Pyrene (aq)	<0.005 µg/l	TM178	0.127 #	0.0167 #	0.0152 #	0.0162 #	0.157 #	0.0602 #		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0352 #	<0.005 #	<0.005 #	<0.005 #	0.0361 #	0.0125 #		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.0939 #	<0.005 #	<0.005 #	<0.005 #	0.117 #	0.0403 #		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0431 #	<0.005 #	<0.005 #	<0.005 #	0.0581 #	0.021 #		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.046 #	<0.002 #	<0.002 #	<0.002 #	0.0476 #	0.0202 #		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0443 #	<0.005 #	<0.005 #	<0.005 #	0.0443 #	0.016 #		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0348 #	<0.005 #	<0.005 #	<0.005 #	0.0386 #	0.0108 #		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	0.66 #	<0.082 #	<0.082 #	<0.082 #	1.08 #	0.403 #		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN- 02c				
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
M	mCERTS accredited.						
aq	Aqueous / settled sample.						
diss.filt	Dissolved / filtered sample.						
tot.unfilt	Total / unfiltered sample.						
*	Subcontracted - refer to subcontractor report for accreditation status.						
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery						
(F)	Trigger breach confirmed						
1-4*\$@	Sample deviation (see appendix)						
Component	LOD/Units			Method			
Naphthalene (aq)	<0.01 µg/l	TM178	0.16	#			
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0422	#			
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	#			
Fluoranthene (aq)	<0.005 µg/l	TM178	0.791	#			
Anthracene (aq)	<0.005 µg/l	TM178	0.0194	#			
Phenanthrene (aq)	<0.005 µg/l	TM178	0.78	#			
Fluorene (aq)	<0.005 µg/l	TM178	0.0288	#			
Chrysene (aq)	<0.005 µg/l	TM178	0.346	#			
Pyrene (aq)	<0.005 µg/l	TM178	0.578	#			
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.127	#			
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.371	#			
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.191	#			
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.173	#			
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.0312	#			
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.122	#			
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0997	#			
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	3.86	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.flit Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*% Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method						
Dibromofluoromethane**	%	TM208	114	113	115	114	113	113
Toluene-d8**	%	TM208	99.1	101	98.6	101	100	100
4-Bromofluorobenzene**	%	TM208	94	95.2	94.2	93.9	96.6	95.3
Dichlorodifluoromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Chloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Vinyl chloride	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Bromomethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Chloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Carbon disulphide	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Dichloromethane	<3 µg/l	TM208	<3	<3	<3	<3	<3	<3
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Chloroform	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Carbontetrachloride	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Benzene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Trichloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Dibromomethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
Toluene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 15:15:00 07/05/2022 220510-19 26250924	Surface Water (SW) 04/05/2022 11:32:00 07/05/2022 220510-19 26250919	Surface Water (SW) 04/05/2022 09:52:00 07/05/2022 220510-19 26250917	Surface Water (SW) 04/05/2022 08:28:00 07/05/2022 220510-19 26250916	Surface Water (SW) 04/05/2022 13:27:00 07/05/2022 220510-19 26250921	Treated Sewage (TS) 04/05/2022 14:21:00 07/05/2022 220510-19 26250922
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromoethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Ethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
m,p-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
o-Xylene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Styrene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromofom	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Isopropylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Propylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-Chlorotoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
sec-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
4-iso-Propyltoluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,4-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
n-Butylbenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Hexachlorobutadiene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN- 02c			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*§@	Sample deviation (see appendix)					
Component	LOD/Units	Method				
Dibromofluoromethane**	%	TM208	115			
Toluene-d8**	%	TM208	99.9			
4-Bromofluorobenzene**	%	TM208	94.2			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#		
Chloromethane	<1 µg/l	TM208	<1	#		
Vinyl chloride	<1 µg/l	TM208	<1	#		
Bromomethane	<1 µg/l	TM208	<1	#		
Chloroethane	<1 µg/l	TM208	<1	#		
Trichlorofluoromethane	<1 µg/l	TM208	<1	#		
1,1-Dichloroethene	<1 µg/l	TM208	<1	#		
Carbon disulphide	<1 µg/l	TM208	<1	#		
Dichloromethane	<3 µg/l	TM208	<3	#		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
1,1-Dichloroethane	<1 µg/l	TM208	<1	#		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
2,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Bromochloromethane	<1 µg/l	TM208	<1	#		
Chloroform	<1 µg/l	TM208	<1	#		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#		
1,1-Dichloropropene	<1 µg/l	TM208	<1	#		
Carbontetrachloride	<1 µg/l	TM208	<1	#		
1,2-Dichloroethane	<1 µg/l	TM208	<1	#		
Benzene	<1 µg/l	TM208	<1	#		
Trichloroethene	<1 µg/l	TM208	<1	#		
1,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Dibromomethane	<1 µg/l	TM208	<1	#		
Bromodichloromethane	<1 µg/l	TM208	<1	#		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
Toluene	<1 µg/l	TM208	<1	#		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#		
1,3-Dichloropropane	<1 µg/l	TM208	<1	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN- 02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 04/05/2022 12:34:00 07/05/2022 220510-19 26250920				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromoform	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220510-19
Client Ref.: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Test Completion Dates

Lab Sample No(s) Customer Sample Ref.	26250924	26250919	26250917	26250916	26250921	26250922	26250920
	MIN- 01	MIN- 03	MIN- 04	MIN- 05	MIN- 02a	MIN- 02b	MIN- 02c
AGS Ref. Depth Type							
	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewage	Surface Water
Acid Herbicides by LCMS*	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022
Acrylamide by LCMS (W)*	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022
Alkalinity as CaCO3	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022
Ammoniacal Nitrogen	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022
Anions by ion Chromatography	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022
Anions by Kone (w)	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022
Artificial radionuclide by HR gamma	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022
Bromate by IC*	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022	06-Jun-2022
Chlorine* Chlorine* Chlorine*	24-May-2022	24-May-2022	24-May-2022	24-May-2022	24-May-2022	24-May-2022	24-May-2022
Chlorophyll-a Cold	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Clostridium Perfringens*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Colour Test	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022
Cryptosporidium & Giardia*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Cyanide Comp/Free/Total/Thiocyanate	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022
Cyanobacteria (Blue Green algae)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Dissolved Metals by ICP-MS	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022
Dissolved Organic/Inorganic Carbon	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022
Epichlorohydrin*	17-Jun-2022	06-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
Escherichia Coli*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Faecal Streptococci (W)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Fluoride	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	13-May-2022
Glyphosate and AMPA	25-May-2022	20-May-2022	20-May-2022	20-May-2022	20-May-2022	20-May-2022	20-May-2022
Gross Alpha Activity*	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
Gross beta activity	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
Mercury Dissolved	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022
Metaldehyde	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022	16-May-2022
Natural radionuclide by HR gamma	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
Nitrite by Kone (w)	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022
PAH Spec MS - Aqueous (W)	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022
Pesticides (Suite I) by GCMS	16-May-2022	16-May-2022	16-May-2022	16-May-2022	13-May-2022	16-May-2022	16-May-2022
Pesticides (Suite II) by GCMS	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022	13-May-2022
Pesticides (Suite III) by GCMS	13-May-2022	16-May-2022	16-May-2022	13-May-2022	16-May-2022	16-May-2022	13-May-2022
Pesticides by GCMS (W-PESLMS02LL)*	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022	06-Jun-2022	06-Jun-2022	17-Jun-2022
Pesticides by GCMS (W-PESLMS07)*	17-Jun-2022	06-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
pH Value	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022
Phosphate by Kone (w)	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022
Total Coliforms(W)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
Total Metals by ICP-MS	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022
Total Organic and Inorganic Carbon	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022	11-May-2022
Tritium by Scintillation	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022	17-Jun-2022
Turbidity in waters	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022	12-May-2022
TVC 22C 3 day (W)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
TVC 37C 1 day (W)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
TVC 37C 2 day (W)*	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022	18-May-2022
VOC MS (W)	17-May-2022	17-May-2022	17-May-2022	17-May-2022	17-May-2022	17-May-2022	17-May-2022



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

18 May 2022

Test Report: COV/2310084/2022

Dear F.A.O Quotes

Analysis of your sample(s) received on 04 May 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

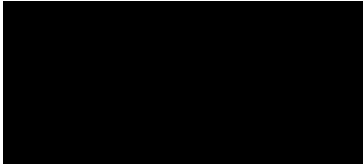
An invoice for the analysis carried out will be sent under separate cover.

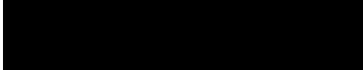
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Legionella Team Leader



This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**

ANALYSED BY



Individuals' names and signatures redacted

Date of Issue: **18 May 2022**

Report Number: **COV/2310084/2022**

Issue **1**

This issue replaces all previous issues

Job Description: 2021 Analysis

Job Location: Bacti Samples

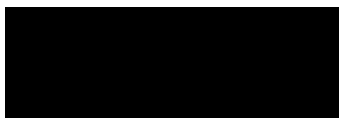
Number of Samples included in this report **7**

Job Received: **04 May 2022**

Number of Test Results included in this report **112**

Analysis Commenced: **05 May 2022**

Signed:



Name: [Redacted] Date: **18 May 2022**

Title: **Legionella Team Leader**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 19

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598916**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-01**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 03:15**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **1** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	120.10	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.98039	Oocysts10L	17/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.98039	cysts/10l	17/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598916:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus mundtii, Enterococcus hirae and Enterococcus faecium. TVC Estimated. TVC Estimated. {(*)Phaeophytin result of 78.81ug/l indicative due to AQC breach.{*/}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed	[Redacted]	Name:	[Redacted]	Date:	18 May 2022
		Title:	Legionella Team Leader		

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598917**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02A**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 01:27**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	13.01	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	15/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.95238	cysts/10l	15/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598917:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium due to nature of the sample. Confirmation process not been carried out for Coliform and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus mundtii TVC Estimated. TVC Estimated. {(*)}Phaeophytin result of 10.86ug/l indicative due to AQC breach. {(*)}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 18 May 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598918**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02B**
 Sample Matrix: **Treated Sewage**
 Sample Date/Time: **04 May 2022 02:21**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **3** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	N Cov	W7
Crypto Sample 4-6um	<0.97087	Oocysts10L	15/05/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	N Cov	W1
Giardia Sample	<0.97087	cysts/10l	15/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	335	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598918:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus durans and Enterococcus faecium. TVC Estimated. TVC Estimated. {(*)}Phaeophytin result of <6.0ug/l indicative due to AQC breach.{(*)}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575


This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed		Name:  Date: 18 May 2022
		Title: Legionella Team Leader

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598919**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-02C**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 12:34**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **4** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	13.63	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	15/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.90090	cysts/10l	15/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598919:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species and Enterococcus faecium. TVC Estimated. TVC Estimated. {(*)Phaeophytin result of 10.54ug/l indicative due to AQC breach. (*)}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

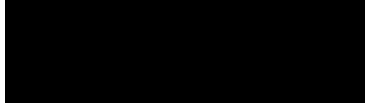

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 18 May 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598920**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-03**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 11:32**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **5** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	<7.00	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	12/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.92593	cysts/10l	12/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598920:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated. TVC Estimated.

6 giardia like bodies. {*}Phaeophytin result of<6.0ug/l indicative due to AQC breach.{*}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

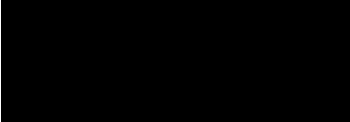

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 18 May 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598921**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-04**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 09:52**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **6** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	16.57	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	79	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	79	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.90090	Oocysts10L	15/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.90090	cysts/10l	15/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598921:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. {*/}Phaeophytin result of 12.17ug/l indicative due to AQC breach. {*/}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575



This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name:		Date: 18 May 2022
		Title:	Legionella Team Leader	

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2310084/2022**
 Laboratory Number: **21598922**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **MIN-05**
 Sample Matrix: **Ground Water**
 Sample Date/Time: **04 May 2022 08:28**
 Sample Received: **04 May 2022**
 Analysis Complete: **18 May 2022**

Issue **1**
 Sample **7** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a COLD	16.61	ug/l	13/05/2022	N Cov	W45
Phaeophytin	Analyst Com	ug/l	13/05/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 2 day	>1000	cfu/ml	07/05/2022	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	10/05/2022	Y Cov	W1
Total Coliform presumpt	>100	cfu/100ml	05/05/2022	Y Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
E.coli presumptive	>100	cfu/100ml	05/05/2022	Y Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	05/05/2022	Y Cov	W10
Enterococci presumptive	>100	cfu/100ml	06/05/2022	Y Cov	W7
Enterococci confirmed	>100	cfu/100ml	06/05/2022	Y Cov	W7
Crypto Sample 4-6um	<0.87719	Oocysts10L	15/05/2022	Y Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>100	cfu/100ml	05/05/2022	Y Cov	W8
TVC 37C 1 day	>1000	cfu/ml	06/05/2022	Y Cov	W1
Giardia Sample	<0.87719	cysts/10l	15/05/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	07/05/2022	N Cov	W44

Analyst Comments for 21598922:

This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus faecalis, Enterococcus mundtii and Enterococcus hirae. TVC Estimated. TVC Estimated. {(*)}Phaeophytin result of 12.81ug/l indicative due to AQC breach.{(*)}

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

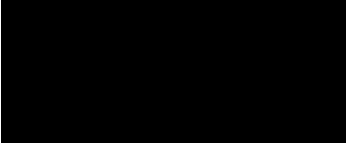

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:		Name: 	Date: 18 May 2022
		Title: Legionella Team Leader	

Individuals' names and signatures redacted



ANALYST COMMENTS FOR REPORT COV/2310084/2022

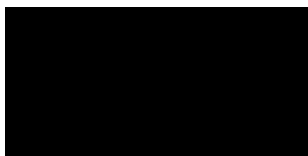
Issue 1

This issue replaces all previous issues

Date of Issue: 18 May 2022

Sample No	Analysis Comments
21598916	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus mundtii, Enterococcus hirae and Enterococcus faecium. TVC Estimated. TVC Estimated. {/*} Phaeophytin result of 78.81ug/l indicative due to AQC breach.{/*}
21598917	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for Clostridium due to nature of the sample. Confirmation process not been carried out for Coliform and E.coli due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus mundtii TVC Estimated. TVC Estimated. {/*} Phaeophytin result of 10.86ug/l indicative due to AQC breach.{/*}
21598918	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus durans and Enterococcus faecium. TVC Estimated. TVC Estimated. {/*} Phaeophytin result of <6.0ug/l indicative due to AQC breach.{/*}
21598919	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species and Enterococcus faecium. TVC Estimated. TVC Estimated. {/*} Phaeophytin result of 10.54ug/l indicative due to AQC breach.{/*}
21598920	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated. TVC Estimated.
21598921	6 giardia like bodies. {/*} Phaeophytin result of <6.0ug/l indicative due to AQC breach.{/*}
21598921	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. {/*} Phaeophytin result of 12.17ug/l indicative due to AQC breach.{/*}
21598922	This sample has been analysed for Crypto Sample 4-6um, Chlorophyll "a" COLD, Algae Blue Greens outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms and E.coli due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for Clostridium due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus faecalis, Enterococcus mundtii and Enterococcus hirae. TVC Estimated. TVC Estimated. {/*} Phaeophytin result of 12.81ug/l indicative due to AQC breach.{/*}

Signed:



Name: [Redacted]

Date: **18 May 2022**

Title: **Legionella Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2310084/2022

ISSUE 1

This issue replaces all previous issues

Date of Issue: 18 May 2022

Sample No	Description	Determinand	Comments
21598916	MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598916	MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598916	MIN-01	TVC 22C 3 day	TVC Estimated.
21598916	MIN-01	TVC 37C 2 day	TVC Estimated.
21598916	MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus mundtii, Enterococcus hirae and Enterococcus faecium.
21598916	MIN-01	TVC 37C 1 day	TVC Estimated.
21598916	MIN-01	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598917	MIN-02A	TVC 22C 3 day	TVC Estimated.
21598917	MIN-02A	TVC 37C 2 day	TVC Estimated.
21598917	MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecalis, Enterococcus faecium and Enterococcus mundtii
21598917	MIN-02A	TVC 37C 1 day	TVC Estimated.
21598917	MIN-02A	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598918	MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598918	MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598918	MIN-02B	TVC 22C 3 day	TVC Estimated.
21598918	MIN-02B	TVC 37C 2 day	TVC Estimated.
21598918	MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus durans and Enterococcus faecium.
21598918	MIN-02B	TVC 37C 1 day	TVC Estimated.
21598918	MIN-02B	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598919	MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598919	MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598919	MIN-02C	TVC 22C 3 day	TVC Estimated.
21598919	MIN-02C	TVC 37C 2 day	TVC Estimated.
21598919	MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus species and Enterococcus faecium.
21598919	MIN-02C	TVC 37C 1 day	TVC Estimated.
21598919	MIN-02C	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598920	MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598920	MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598920	MIN-03	TVC 22C 3 day	TVC Estimated.
21598920	MIN-03	TVC 37C 2 day	TVC Estimated.
21598920	MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus species.
21598920	MIN-03	TVC 37C 1 day	TVC Estimated.
21598920	MIN-03	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598921	MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598921	MIN-04	Escherichia coli confirmed	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21598921	MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598921	MIN-04	E.coli presumptive	Confirmation process not been carried out for coliforms and E.coli due to nature of the sample.
21598921	MIN-04	TVC 22C 3 day	TVC Estimated.
21598921	MIN-04	TVC 37C 2 day	TVC Estimated.
21598921	MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis.
21598921	MIN-04	TVC 37C 1 day	TVC Estimated.
21598921	MIN-04	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.
21598922	MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21598922	MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21598922	MIN-05	TVC 22C 3 day	TVC Estimated.
21598922	MIN-05	TVC 37C 2 day	TVC Estimated.
21598922	MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus species, Enterococcus faecalis, Enterococcus mundtii and Enterococcus hirae.
21598922	MIN-05	TVC 37C 1 day	TVC Estimated.
21598922	MIN-05	Clostridium Perfringens, Pres	Confirmation process not been carried out for Clostridium due to nature of the sample.

Signed:



Name:



Date: 18 May 2022

Title:

Legionella Team Leader

Individuals' names and
signatures redacted

Page Intentionally Left Blank

Individuals' names and signatures redacted

Certificate of Analysis

Report No.: 22-19908-1

Issue No.: 1

Date of Issue 24/05/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 220510-19

Customer Reference: 220510-19

Quotation Reference: 220316/06

Description: 7 water samples

Date Received: 12/05/2022

Date Started: 18/05/2022

Date Completed: 19/05/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-19908-1

Customer Reference: 220510-19

Customer Order No: 220510-19

Customer Sample No	26255007	26255038	26255032	26256645	26256224	26255051	26254742
Customer Sample ID	MIN-01	MIN-02a	MIN-02b	MIN-02c	MIN-03	MIN-04	MIN-05
RPS Sample No	490879	490880	490881	490882	490883	490884	490885
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022	04/05/2022

Determinand	CAS No	Codes	SOP	Units	RL							
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-19908-1

Customer Reference: 220510-19

Customer Order No: 220510-19

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
490879	26255007		04/05/2022	500ml amber glass bottle	No	
490880	26255038		04/05/2022	500ml green glass bottle	No	
490881	26255032		04/05/2022	500ml green glass bottle	No	
490882	26256645		04/05/2022	500ml amber glass bottle	No	
490883	26256224		04/05/2022	500ml green glass bottle	No	
490884	26255051		04/05/2022	500ml green glass bottle	No	
490885	26254742		04/05/2022	500ml green glass bottle	No	

Report No.: 22-19908-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2247007	Issue Date	: 06-Jun-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdsubconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220510-19	Page	: 1 of 20
Order number	: ----	Date Samples Received	: 16-May-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 16-May-2022 - 06-Jun-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2247007/007, method W-BRO3-IC - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2247007/017-020, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

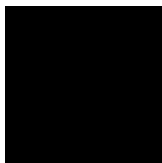
Sample(s) PR2247007/014, 015, 016, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

W-RAD-ARTE - PR2247007-022-028: The reference date for activity concentrations of radionuclides is 11.5.2022.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		26256577 MIN- 02b		26256240 MIN- 02b		26256574 MIN- 02b	
				Laboratory sample ID		PR2247007002		PR2247007007		PR2247007014	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<60.0	---	----	---		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	----	---	----	---		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	----	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---		



Sub-Matrix: EFFLUENT				Client sample ID		26256577 MIN- 02b		26256240 MIN- 02b		26256574 MIN- 02b	
Laboratory sample ID				PR2247007002		PR2247007007		PR2247007014			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Diclotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	0.040	± 30.0%		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		26256577 MIN- 02b		26256240 MIN- 02b		26256574 MIN- 02b	
				Laboratory sample ID		PR2247007002		PR2247007007		PR2247007014	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	0.135	± 30.0%		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.105	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.040	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26256577 MIN- 02b		26256240 MIN- 02b		26256574 MIN- 02b	
				Laboratory sample ID		PR2247007002		PR2247007007		PR2247007014	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)											
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		26256577 MIN- 02b		26256240 MIN- 02b		26256574 MIN- 02b	
				Laboratory sample ID		PR2247007002		PR2247007007		PR2247007014	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbutylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabenzazole	W-PESLMS02	0.030	µg/L	----	----	----	----	0.045	± 30.0%		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		26256572 MIN- 02b		26256241 MIN- 02b		----	
				Laboratory sample ID		PR2247007018		PR2247007024		----	
				Client sampling date / time		11-May-2022		11-May-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	----	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	----	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	----	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	----	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	----	----	----	----	----		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	----	----	----	----	----		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	----	----	----	----	----		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	----	----	----	----	----		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	----	----	----	----	----		
loxylin	W-PESLMS04	0.010	µg/L	<0.100	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		26256572 MIN- 02b		26256241 MIN- 02b		----	
				Laboratory sample ID		PR2247007018		PR2247007024		----	
				Client sampling date / time		11-May-2022		11-May-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---	----	---
MCPP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---	----	---
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---	----	---
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26256448 MIN- 02a		26256230 MIN- 03		26258351 MIN- 04	
				Laboratory sample ID		PR2247007001		PR2247007003		PR2247007004	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26256248 MIN- 01		26256244 MIN- 02a		26256280 MIN- 02c	
				Laboratory sample ID		PR2247007005		PR2247007006		PR2247007008	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26256302 MIN- 03		26256653 MIN- 04		26256661 MIN- 05	
				Laboratory sample ID		PR2247007009		PR2247007010		PR2247007011	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	----	---		
Bromates	W-BRO3-IC	5.0	µg/L	----	---	----	---	----	---	<5.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
				Laboratory sample ID		PR2247007012		PR2247007013		PR2247007015	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	----	---	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
Laboratory sample ID				PR2247007012		PR2247007013		PR2247007015			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.020	---		
BAM	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.020	---		
BDMC	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
Laboratory sample ID				PR2247007012		PR2247007013		PR2247007015			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Difenoaxuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	0.012	± 30.0%		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Haloxifop	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	0.074	± 30.0%	0.059	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
lprodione	W-PESLMS02	0.030	µg/L	----	----	<0.030	----	<0.030	----		
lprovalicarb	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
				Laboratory sample ID		PR2247007012		PR2247007013		PR2247007015	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Malaoxon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	0.012	± 30.0%		
Metoxuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
Laboratory sample ID				PR2247007012		PR2247007013		PR2247007015			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	---	0.020	± 30.0%	<0.020	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	0.013	± 30.0%		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	----	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	----	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26256232 MIN- 03		26256447 MIN- 02a		26256229 MIN- 03	
				Laboratory sample ID		PR2247007012		PR2247007013		PR2247007015	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	----	----	<0.020	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	<0.050	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	<0.010	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
				Laboratory sample ID		PR2247007016		PR2247007017		PR2247007019	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	----	----	<2.00	----	<2.00	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
2.4-D	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
2.4-DB	W-PESLMS04	0.020	µg/L	----	----	<0.200	----	<0.200	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
2-Chloro-2.6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
4-CPP	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Acifluorfen	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
Acionifen	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	----	----	----	----	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Aminopyralid	W-PESLMS04	0.050	µg/L	----	----	<0.500	----	<0.500	----		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	----	----	----	----	----		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	----	----	----	----	----		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
BAM	W-PESLMS02	0.010	µg/L	0.013	± 30.0%	----	----	----	----		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Benazolin	W-PESLMS04	0.050	µg/L	----	----	<0.500	----	<0.500	----		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Bentazone	W-PESLMS04	0.010	µg/L	----	----	<0.100	----	<0.100	----		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	----	----	----	----	----		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	----	----	----	----	----		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	----	----	----	----	----		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
Laboratory sample ID				PR2247007016		PR2247007017		PR2247007019			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	----	---	----	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---		
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	<0.400	---	<0.400	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
Laboratory sample ID				PR2247007016		PR2247007017		PR2247007019			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Diuron	W-PESLMS02	0.010	µg/L	<0.020	---	----	---	----	---	----	---
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
DNOC	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---	----	---
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---	----	---
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Imidacloprid	W-PESLMS02	0.010	µg/L	0.051	± 30.0%	----	---	----	---	----	---
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
loxynil	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---	----	---
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---	----	---
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Malaonox	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---	----	---
MCPA	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---	----	---
MCPB	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
Laboratory sample ID				PR2247007016		PR2247007017		PR2247007019			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	---	0.271	± 30.0%	0.139	± 30.0%		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	<0.200	---	<0.200	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
Laboratory sample ID				PR2247007016		PR2247007017		PR2247007019			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Propoxycarbazono-sodium	W-PESLMS04	0.010	µg/L	----	---	<0.100	---	<0.100	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	----	---	----	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.030	---	----	---	----	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	----	---	----	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	----	---	----	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	<0.300	---	<0.300	---		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	<0.500	---	<0.500	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26258346 MIN- 04		26256446 MIN- 02a		26256228 MIN- 03	
				Laboratory sample ID		PR2247007016		PR2247007017		PR2247007019	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Triflurosulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26258344 MIN- 04		26256541 MIN- 03		26256249 MIN- 01	
				Laboratory sample ID		PR2247007020		PR2247007021		PR2247007022	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---	----	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---	----	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	---	----	---	<0.050	---	----	---
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	---	----	---	<0.50	---	----	---
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	----	---	----	---	----	---
2,4,5-T	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
2,4,5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
2,4-D	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
2,4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---	----	---
2,4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---	----	---
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---	----	---
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---	----	---
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---	----	---
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---	----	---
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---	----	---
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---	----	---
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	----	---	----	---	----	---
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---	----	---
Etoxadole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26258344 MIN- 04		26256541 MIN- 03		26256249 MIN- 01	
Laboratory sample ID				PR2247007020		PR2247007021		PR2247007022			
Client sampling date / time				11-May-2022		11-May-2022		11-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.078	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.170	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazono-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26258344 MIN- 04		26256541 MIN- 03		26256249 MIN- 01	
				Laboratory sample ID		PR2247007020		PR2247007021		PR2247007022	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Pesticides - Continued											
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	----	----	----	----
Zoxamide	W-PESLMS07	0.050	µg/L	----	----	<0.050	----	----	----	----	----

Sub-Matrix: SURFACE WATER				Client sample ID		26256245 MIN- 02a		26256281 MIN- 02c		26256304 MIN- 03	
				Laboratory sample ID		PR2247007023		PR2247007025		PR2247007026	
				Client sampling date / time		11-May-2022		11-May-2022		11-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----	<0.050	----
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	----	----	----	----	----	----	----
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	<0.050	----	<0.050	----
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	----	----	----	----	----	----	----
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	<0.050	----	0.120	± 25.0 %	0.120	± 25.0 %
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.100	± 30.0 %	----	----	----	----	----	----
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	<0.50	----	<0.50	----	<0.50	----
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	----	----	----	----	----	----	----

Sub-Matrix: SURFACE WATER				Client sample ID		26256654 MIN- 04		26256665 MIN- 05		----	
				Laboratory sample ID		PR2247007027		PR2247007028		----	
				Client sampling date / time		11-May-2022		11-May-2022		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	----	<0.050	----	----	----	----	----
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	----	<0.050	----	----	----	----	----
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.100	± 40.0 %	0.140	± 35.0 %	----	----	----	----
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	----	<0.50	----	----	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.



<i>Analytical Methods</i>	<i>Method Descriptions</i>
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2247008	Issue Date	: 17-Jun-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdnsbconresults@ALSGlobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220510-19	Page	: 1 of 21
Order number	: ----	Date Samples Received	: 16-May-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 16-May-2022 - 17-Jun-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2247008/027,028,029, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2247008/024, 025, 026, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2247008/004, method W-EPIGMS01 - (*) = the parameter(s) signed by this symbol couldn't be determined due to complicated matrix.

PR2247008 samples -010-014 method W-GAA-SCI: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

Sample(s) PR2247008/036-042, method W-RAD-NAT - The reference date for activity concentrations of radionuclides is 10.5.2022.

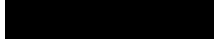
Sample(s) PR2247008/036-037, method W-RAD-NAT - The LoR values in radiology are valid only for background samples with very low activity (background samples) and depend on many factors, on the analyzed mass of the sample, but mainly on the activity of other radionuclides. If the activity of some radionuclide is higher the spectrum background is increased and this influences the evaluation of LoD of other radionuclides.

LoD values are evaluated for each radionuclide. The LoR values are only informative and are valid for samples with low content of radionuclides and with sufficient mass.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories



Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		26255033 MIN- 02b		26255082 MIN- 02b		26255082 MIN- 02b	
				Laboratory sample ID		PR2247008006		PR2247008012		PR2247008019	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	----	----	<0.07	----	----	----	----	----
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	----	----	----	0.46	± 16.6%	----	----
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	----	----	----	----	----	----	----

Sub-Matrix: EFFLUENT				Client sample ID		26255023 MIN- 02b		26255082 MIN- 02b		26255081 MIN- 02b	
				Laboratory sample ID		PR2247008032		PR2247008038		PR2247008045	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	----	----	----	<5.0	----	----	----
Thorium 234	W-RAD-NAT	2.0	Bq/L	----	----	<2.0	----	----	----	----	----
Thorium 230	W-RAD-NAT	10	Bq/L	----	----	<10	----	----	----	----	----
Radium 226	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Lead 210	W-RAD-NAT	10	Bq/L	----	----	<10	----	----	----	----	----
Uranium 235	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Protactinium 231	W-RAD-NAT	1	Bq/L	----	----	<1	----	----	----	----	----
Actinium 227	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Thorium 227	W-RAD-NAT	0.20	Bq/L	----	----	<0.24	----	----	----	----	----
Radium 223	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Radium 228	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Thorium 228	W-RAD-NAT	0.20	Bq/L	----	----	<0.20	----	----	----	----	----
Potassium 40	W-RAD-NAT	2.0	Bq/L	----	----	<2.0	----	----	----	----	----
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Etozazole	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Famphur	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	----	----	----	----	----	----	----



Sub-Matrix: EFFLUENT				Client sample ID		26255023 MIN- 02b		26255082 MIN- 02b		26255081 MIN- 02b	
				Laboratory sample ID		PR2247008032		PR2247008038		PR2247008045	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.123	± 30.0%	----	---	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26255000 MIN- 01		26254812 MIN- 02c		26254597 MIN- 05	
				Laboratory sample ID		PR2247008001		PR2247008002		PR2247008003	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26254784 MIN- 01		26255042 MIN- 02a		26254807 MIN- 02c	
				Laboratory sample ID		PR2247008004		PR2247008005		PR2247008007	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	<0.50	---	----	---
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26255050 MIN- 04		26254533 MIN- 05		26255084 MIN- 01	
				Laboratory sample ID		PR2247008008		PR2247008009		PR2247008010	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	----	---	----	---	<0.12	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	<0.50	---	----	---	----	---
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	----	---	----	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26255080 MIN- 02a		26255076 MIN- 02c		26255072 MIN- 03	
				Laboratory sample ID		PR2247008011		PR2247008013		PR2247008014	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.15	---	<0.10	---	<0.07	---	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26255084 MIN- 01	
				Laboratory sample ID		PR2247008015		PR2247008016		PR2247008017	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	----	---	0.36	± 17.6%	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26255080 MIN- 02a		26255076 MIN- 02c		26255072 MIN- 03	
				Laboratory sample ID		PR2247008018		PR2247008020		PR2247008021	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.33	± 18.0%	0.42	± 17.0%	0.41	± 17.0%	----	---

Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
				Laboratory sample ID		PR2247008022		PR2247008023		PR2247008024	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.40	± 17.2%	0.42	± 16.9%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
Laboratory sample ID				PR2247008022		PR2247008023		PR2247008024			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Acetochlor	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Aclonifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Alachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Aldicarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ametryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Atraton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
BAM	W-PESLMS02	0.010	µg/L	----	----	----	----	0.018	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Benalaxyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Bendiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Bifenox	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Bitertanol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Boscalid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bromacil	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cadusafos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carbaryl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbendazim	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbetamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Carboxin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
				Laboratory sample ID		PR2247008022		PR2247008023		PR2247008024	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorimid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difloxuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfothion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
Laboratory sample ID				PR2247008022		PR2247008023		PR2247008024			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.029	----	± 30.0%	
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
Laboratory sample ID				PR2247008022		PR2247008023		PR2247008024			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxyfen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26255068 MIN- 04		26255058 MIN- 05		26254999 MIN- 01	
				Laboratory sample ID		PR2247008022		PR2247008023		PR2247008024	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
				Laboratory sample ID		PR2247008025		PR2247008026		PR2247008027	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	----	----	----	----	<2.00	----		
2,4,5-T	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
2,4,5-TP	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
2,4-D	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
2,4-DB	W-PESLMS04	0.020	µg/L	----	----	----	----	<0.200	----		
2,4-DP (isomers)	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
4-CPP	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	----	----		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	----	----		
Acifluorfen	W-PESLMS04	0.010	µg/L	----	----	----	----	<0.100	----		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	----	<0.030	----	----	----		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	----	<0.050	----	----	----		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
Aminopyralid	W-PESLMS04	0.050	µg/L	----	----	----	----	<0.500	----		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	----	<0.040	----	----	----		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	----	<0.040	----	----	----		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	----	<0.010	----	----	----		
BAM	W-PESLMS02	0.010	µg/L	<0.020	----	0.010	± 30.0%	----	----		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	----	<0.020	----	----	----		
Benazolin	W-PESLMS04	0.050	µg/L	----	----	----	----	<0.500	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
Laboratory sample ID				PR2247008025		PR2247008026		PR2247008027			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Bentazone	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Bromoxynil	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---	----	---
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	----	---	----	---
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Clopyralid	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---	----	---
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Dicamba	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---	----	---
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Diclofop	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---	----	---
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Difloxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
Laboratory sample ID				PR2247008025		PR2247008026		PR2247008027			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Dinoseb	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---	----	---
Dinoterb	W-PESLMS04	0.040	µg/L	----	---	----	---	<0.400	---	----	---
Diuron	W-PESLMS02	0.010	µg/L	0.014	± 30.0%	<0.010	---	----	---	----	---
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
DNOC	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	---	----	---
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Ethofumesate	W-PESLMS02	0.010	µg/L	0.016	± 30.0%	<0.020	---	----	---	----	---
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fluroxypyr	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---	----	---
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Imidacloprid	W-PESLMS02	0.010	µg/L	0.061	± 30.0%	0.037	± 30.0%	----	---	----	---
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---	----	---
Ioxynil	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---	----	---
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---	----	---
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---	----	---
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
				Laboratory sample ID		PR2247008025		PR2247008026		PR2247008027	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
MCPB	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	----	---	----	---	<0.200	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
Laboratory sample ID				PR2247008025		PR2247008026		PR2247008027			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	----	---	----	---	<0.100	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	----	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Sum of Chloridazon-desphenyl&Chloridazon-methyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.020	---	0.018	± 30.0%	----	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	----	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26254811 MIN- 02c		26254595 MIN- 05		26254998 MIN- 01	
				Laboratory sample ID		PR2247008025		PR2247008026		PR2247008027	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	----	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triclopyr	W-PESLMS04	0.030	µg/L	----	---	----	---	<0.300	----		
Triclosan	W-PESLMS04	0.050	µg/L	----	---	----	---	<0.500	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	----	----		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	----	----		

Sub-Matrix: SURFACE WATER				Client sample ID		26254810 MIN- 02c		26254591 MIN- 05		26254935 MIN- 01	
				Laboratory sample ID		PR2247008028		PR2247008029		PR2247008030	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorobenzoic acid	W-PESLMS04	0.100	µg/L	<2.00	---	<2.00	---	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
4-CPP	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	----	----		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Benazolin	W-PESLMS04	0.050	µg/L	<0.500	---	<0.500	---	----	----		
Bentazone	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	----	----		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	----		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dicamba	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	----		
Diclofop	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	----		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.200	---	<0.200	---	----	----		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.400	---	<0.400	---	----	----		
DNOC	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	----	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26254810 MIN- 02c		26254591 MIN- 05		26254935 MIN- 01	
				Laboratory sample ID		PR2247008028		PR2247008029		PR2247008030	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Etoazole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Famoxadone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Famphur	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Flufenacet	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fluopyram	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
Flutriafol	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Haloxifop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
MCPA	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
MCPB	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.207	± 30.0%	<0.100	----	----	----		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Metrafenone	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Norflurazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Picloram	W-PESLMS04	0.020	µg/L	<0.200	----	<0.200	----	----	----		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	----	<0.100	----	----	----		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Pyridaben	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quinalphos	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Sedaxane	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.300	----	<0.300	----	----	----		
Triclosan	W-PESLMS04	0.050	µg/L	<0.500	----	<0.500	----	----	----		
Trietazine	W-PESLMS07	0.10	µg/L	----	----	----	----	<0.10	----		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		
Triflumizole	W-PESLMS07	0.050	µg/L	----	----	----	----	<0.050	----		



Sub-Matrix: SURFACE WATER				Client sample ID		26254810 MIN- 02c		26254591 MIN- 05		26254935 MIN- 01	
				Laboratory sample ID		PR2247008028		PR2247008029		PR2247008030	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	----	---	<0.050	----		

Sub-Matrix: SURFACE WATER				Client sample ID		26255039 MIN- 02a		26254805 MIN- 02c		26255047 MIN- 04	
				Laboratory sample ID		PR2247008031		PR2247008033		PR2247008034	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.072	± 30.0%	0.077	± 30.0%	0.080	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26255039 MIN- 02a		26254805 MIN- 02c		26255047 MIN- 04	
				Laboratory sample ID		PR2247008031		PR2247008033		PR2247008034	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26254788 MIN- 05		26255084 MIN- 01		26255080 MIN- 02a	
				Laboratory sample ID		PR2247008035		PR2247008036		PR2247008037	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	----	---	----	---	<2.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	----	---	<2.0	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	----	---	----	---	<10	---		
Thorium 230	W-RAD-NAT	10	Bq/L	----	---	<10	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.20	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	----	---	<0.20	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	----	---	----	---	<10	---		
Lead 210	W-RAD-NAT	10	Bq/L	----	---	<10	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.20	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	----	---	<0.20	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	----	---	----	---	<1	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	----	---	<1	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.24	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	----	---	<0.22	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.23	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	----	---	<0.20	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.25	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	----	---	<0.25	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.20	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	----	---	<0.20	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26254788 MIN- 05		26255084 MIN- 01		26255080 MIN- 02a	
Laboratory sample ID				PR2247008035		PR2247008036		PR2247008037			
Client sampling date / time				10-May-2022		10-May-2022		10-May-2022			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Thorium 228	W-RAD-NAT	0.20	Bq/L	----	---	----	---	<0.20	---	----	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	----	---	<0.20	---	----	---	----	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	----	---	----	---	<2.0	---	----	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	----	---	<2.0	---	----	---	----	---
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Etozazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---	----	---



Sub-Matrix: SURFACE WATER				Client sample ID		26254788 MIN- 05		26255084 MIN- 01		26255080 MIN- 02a	
				Laboratory sample ID		PR2247008035		PR2247008036		PR2247008037	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	----	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26255076 MIN- 02c		26255072 MIN- 03		26255068 MIN- 04	
				Laboratory sample ID		PR2247008039		PR2247008040		PR2247008041	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---		
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26255058 MIN- 05		26255083 MIN- 01		26255079 MIN- 02a	
				Laboratory sample ID		PR2247008042		PR2247008043		PR2247008044	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	<5.0	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26255058 MIN- 05		26255083 MIN- 01		26255079 MIN- 02a	
				Laboratory sample ID		PR2247008042		PR2247008043		PR2247008044	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters - Continued											
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	----	----	----	----	----
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	----	----	----	----	----
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	----	----	----	----	----
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	----	----	----	----	----
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	----	----	----	----	----

Sub-Matrix: SURFACE WATER				Client sample ID		26255075 MIN- 02c		26255071 MIN- 03		26255067 MIN- 04	
				Laboratory sample ID		PR2247008046		PR2247008047		PR2247008048	
				Client sampling date / time		10-May-2022		10-May-2022		10-May-2022	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	----	----	----	----
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	----	---	----	----	<5.0	----

Sub-Matrix: SURFACE WATER				Client sample ID		26255063 MIN- 05		----		----	
				Laboratory sample ID		PR2247008049		----		----	
				Client sampling date / time		10-May-2022		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	----	----	----	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.



<i>Analytical Methods</i>	<i>Method Descriptions</i>
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.

A “**“ symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



CERTIFICATE OF ANALYSIS

SDG: 220510-19
Client Ref: 60663957

Report Number: 651090
Location: Minworth

Superseded Report: 651019

Appendix

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

General

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
♦	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US

Tel: (01244) 528777

email: hawardencustomerservices@alsglobal.com

Website: www.alsenvironmental.co.uk

Aecom
1 New York Street
Manchester
M1 4HD

Individuals' names and
signatures redacted

Attention: [Redacted]

CERTIFICATE OF ANALYSIS

Date of report Generation:	07 September 2022
Customer:	Aecom
Sample Delivery Group (SDG):	220802-31
Your Reference:	60663957
Location:	Minworth
Report No:	660420
Order Number:	60663

This report has been revised and directly supersedes 660382 in its entirety.

We received 7 samples on Monday August 01, 2022 and 7 of these samples were scheduled for analysis which was completed on Wednesday September 07, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

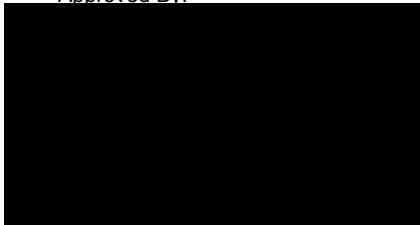
Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Operations Manager





CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
26670462	MIN-01			01/08/2022
26670458	MIN-03			01/08/2022
26670457	MIN-04			01/08/2022
26670456	MIN-05			01/08/2022
26670461	MIN-02a			01/08/2022
26670460	MIN-02b			01/08/2022
26670459	MIN-02c			01/08/2022

Only received samples which have had analysis scheduled will be shown on the following pages.



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type		
<p>X Test</p> <p>N No Determination Possible</p> <p>Sample Types -</p> <p>S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas OTH - Other</p>	26670459 26670460 26670461 26670456 26670457 26670458 26670462	MIN-02c MIN-02b MIN-02a MIN-05 MIN-04 MIN-03 MIN-01				SW TS SW SW SW SW SW		
Cyanobacteria (Blue Green algae)*	All	NDPs: 0 Tests: 7	X	X		X	X	X
Gross Alpha Activity*	All	NDPs: 0 Tests: 7	X	X	X	X	X	X
Gross beta activity	All	NDPs: 0 Tests: 7	X	X	X	X	X	X
Natural radionuclide by HR gamma	All	NDPs: 0 Tests: 7	X	X	X	X	X	X



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend	Lab Sample No(s)		26670462														26670458					
	Customer Sample Reference		MIN-01														MIN-03					
AGS Reference																						
Depth (m)																						
Container		0.5l glass bottle (ALE220)	1000ml glass bottle (ALE220)	250ml Amber GI. PTFE/PE (ALE219)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	0.5l glass bottle (ALE227)	PTFE/PE (ALE219)	250ml Amber GI. (ALE503)	330ml plastic bottle (ALE503)	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	
Sample Type		SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7						X										X				
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 7	X										X									
Epichlorohydrin*	All	NDPs: 0 Tests: 7	X										X									
Escherichia Coli*	All	NDPs: 0 Tests: 7					X								X							
Faecal Streptococci (W)*	All	NDPs: 0 Tests: 7					X								X							
Fluoride	All	NDPs: 0 Tests: 7				X								X								
Glyphosate and AMPA	All	NDPs: 0 Tests: 7				X								X								
Mercury Dissolved	All	NDPs: 0 Tests: 7						X										X				
Metaldehyde	All	NDPs: 0 Tests: 7	X										X									
Nitrite by Kone (w)	All	NDPs: 0 Tests: 7								X											X	
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 7			X									X								
Pesticides (Suite I) by GCMS	All	NDPs: 0 Tests: 7		X										X								
Pesticides (Suite II) by GCMS	All	NDPs: 0 Tests: 7	X											X								
Pesticides (Suite III) by GCMS	All	NDPs: 0 Tests: 7		X										X								
Pesticides by GCMS (W-PESLMS02LL)*	All	NDPs: 0 Tests: 7	X											X								



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend

- X Test
- N No Determination Possible

Sample Types -

- S - Soil/Solid
- UNS - Unspecified Solid
- GW - Ground Water
- SW - Surface Water
- LE - Land Leachate
- PL - Prepared Leachate
- PR - Process Water
- SA - Saline Water
- TE - Trade Effluent
- TS - Treated Sewage
- US - Untreated Sewage
- RE - Recreational Water
- DW - Drinking Water Non-regulatory
- UNL - Unspecified Liquid
- SL - Sludge
- G - Gas
- OTH - Other

Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type
26670461	MIN-02a			0.5l glass bottle (ALE227)	SW
26670460	MIN-02b			Vial (ALE297)	TS
26670459	MIN-02c			0.5l glass bottle (ALE227)	SW
				Vial (ALE297)	TS
				NaOH (ALE245)	TS
				HNO3 Unfiltered (ALE204)	TS
				HNO3 Filtered (ALE204)	TS
				H2SO4 (ALE244)	TS
				500ml Plastic (ALE208)	TS
				330ml plastic bottle (ALE503)	TS
				250ml Amber GI. PTFE/PE (ALE219)	TS
				0.5l glass bottle (ALE227)	TS
				Vial (ALE297)	SW
				NaOH (ALE245)	SW
				HNO3 Unfiltered (ALE204)	SW
				HNO3 Filtered (ALE204)	SW
				H2SO4 (ALE244)	SW
				500ml Plastic (ALE208)	SW
				330ml plastic bottle (ALE503)	SW
				250ml Amber GI. PTFE/PE (ALE219)	SW
				0.5l glass bottle (ALE227)	SW

Parameter	Lab Sample No(s)	Customer Sample Reference	AGS Reference	Depth (m)	Container	Sample Type	Test Results
Acid Herbicides by LCMS*	All	NDPs: 0 Tests: 7					X (SW), X (TS), X (SW)
Acrylamide by LCMS (W)*	All	NDPs: 0 Tests: 7					X (SW), X (TS), X (SW)
Alkalinity as CaCO3	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Ammoniacal Nitrogen	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Anions by ion Chromatography	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Anions by Kone (w)	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Artificial radionuclide by HR gamma	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Bromate by IC*	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Chlormequat*	All	NDPs: 0 Tests: 7					X (SW), X (TS), X (SW)
Chlorophyll-a Cold	All	NDPs: 7 Tests: 0					N (SW), N (TS)
Clostridium Perfringens*	All	NDPs: 1 Tests: 7					X (SW), X (TS)
Colour Test	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Cryptosporidium & Giardia*	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 7					X (SW), X (TS)
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 7					X (SW), X (TS)



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.		MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference							
M	mCERTS accredited.			Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
aq	Aqueous / settled sample.			01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
diss.filt	Dissolved / filtered sample.			15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00	14:37:00
tot.unfilt	Total / unfiltered sample.			01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
*	Subcontracted - refer to subcontractor report for accreditation status.			220802-31	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			26670462	26670458	26670457	26670456	26670461	26670460	
(F)	Trigger breach confirmed									
1-4*§@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2,3,6-TBA*	<0.1 µg/l	SUB	<1	<1.5	<1.5	<1.2	<1.5	<1.5	<1.5	
2-Isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Acrylamide*	<0.05 µg/l	SUB	<0.15	<0.25	<0.3	<0.3	<0.15	<0.2	<0.2	
Act-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Bromate*	<5 µg/l	SUB	<5	<5	<5	<5	<5	<5	<5	
Chloroquat*	<0.1 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>70		>70	>60	>60	>90	>90	
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.917	<0.926	<0.952	<0.935	<0.926	<0.935	<0.935	
Cs-134*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	1070	582	388	0	0	0	0	
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.04	<0.04	<0.06	<0.04	<0.04	<0.04	<0.04	
Gross Beta Activity*	<0.1 Bq/l	SUB	0.3	0.36	0.4	0.61	0.37	0.44	0.44	
Tritium*	<5 Bq/l	SUB	<5	<5	<5	<5	<5	<5	<5	
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
2,4,5-T*	<0.01 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Amidithion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Clostridium Perfringens (M2P)	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Cs-137*	<0.05 Bq/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
E.coli presumptive (M17)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
Giardia (B0X)*	<0 cysts/10L	SUB	<0.917	<0.926	<0.952	<0.935	<0.926	<0.935	<0.935	
Pb-210*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	<10	
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-Chloro-2,6-diethylacetaniide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Anilazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	>100	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	aq Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Date Received	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			SDG Ref	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			Lab Sample No.(s)	26670462	26670458	26670457	26670456	26670461	26670460
			AGS Reference						
Component	LOD/Units	Method							
I-131*	<0.05 Bq/l	SUB	<0.054	0.38	0.37	0.11	0.26	<0.056	
K-40*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100	>100	>100	>100	>100	>100	
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	0.066	0.025	<0.03	0.284	0.028	<0.03	
Acetamiprid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Am-241*	<0.5 Bq/l	SUB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Azaconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Pa-231*	<1 Bq/l	SUB	<1	<1	<1	<1	<1	<1	
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Acetochlor*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-223*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Buprofezinil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-226*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
4-CPP*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aclonifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Ra-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Acifluorfen*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Alachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Clofentazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-227*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Aldicarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aminopyralid*	<0.05 µg/l	SUB	<0.25	<0.4	<0.4	<0.4	<0.4	<0.4	
Cyflufenamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-228*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzazolin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Desmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Th-230*	<10 Bq/l	SUB	<10	<10	<10	<10	<10	<10	
Ametryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			Date Received	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			SDG Ref	26670462	26670458	26670457	26670456	26670461	26670460
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Bentazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethylaminosulfanilide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Th-234*	<2 Bq/l	SUB	<2	<2	<2	<2	<2	<2	<2
Amidosulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromoxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
U-235*	<0.2 Bq/l	SUB	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Atraton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Clopyralid*	<0.03 µg/l	SUB	<0.3	<0.3	<0.3	<0.24	<0.39	<0.3	<0.3
Etoxadazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dicamba*	<0.03 µg/l	SUB	<0.15	<0.15	<0.15	<0.12	<0.15	<0.15	<0.15
Famoxadone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diclofop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Famphur*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoseb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb*	<0.04 µg/l	SUB	<0.12	<0.12	<0.12	<0.2	<0.12	<0.12	<0.12
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
DNOC*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenothiocarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fludioxonil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluroxypyr*	<0.02 µg/l	SUB	<0.1	<0.1	<0.1	<0.08	<0.1	<0.1	<0.1
Azoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
loxynil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	0.01	0.036	0.029	0.044	0.011	0.011	0.011
BAM*	<0.01 µg/l	SUB	0.019	<0.01	<0.01	0.012	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.			Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
tot.unfilt Total / unfiltered sample.			Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
* Subcontracted - refer to subcontractor report for accreditation status.			Sample Time	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery			Date Received	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
(F) Trigger breach confirmed			SDG Ref	26670462	26670458	26670457	26670456	26670461	26670460
1-4**@ Sample deviation (see appendix)			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Fluquinconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4-(4-Chloro-o-tolxyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDMC*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fosthiazate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benalaxyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Furalaxyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MCPP (isomers)*	<0.01 µg/l	SUB	0.034	0.066	0.048	0.05	0.043	0.04	
Bendiocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picloram*	<0.02 µg/l	SUB	<0.24	<0.24	<0.24	<0.2	<0.24	<0.24	<0.24
Bentazone methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imidacloprid*	<0.05 µg/l	SUB	<0.05	0.071	0.071	0.061	0.066	0.123	
Propoxycarbazone-sodium*	<0.01 µg/l	SUB	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1
Bifenox*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclopyr*	<0.03 µg/l	SUB	<0.06	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06
Bitertanol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triclosan*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Boscalid*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromacil*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Myclobutanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadusafos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Norflurazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbaryl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbendazim*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbetamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pethoxamid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Date Received	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			SDG Ref	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			Lab Sample No.(s)	26670462	26670458	26670457	26670456	26670461	26670460
			AGS Reference						
Component	LOD/Units	Method							
Carbofuran*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet oxon*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carboxin*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Pyridaben*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorbromuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiacloprid*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiazafuror*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sedaxane*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thidiazuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpropham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Triflumizole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triflumuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clodinafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			Date Received	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			SDG Ref	26670462	26670458	26670457	26670456	26670461	26670460
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Tritosulfuron*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomazone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clomeprop*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Clothianidin*	<0.05 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flufenacet OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Crimidine*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cymoxanil*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprazine*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyproconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutriafol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyprodinil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoxaflutole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyromazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trietazine*	<0.05 µg/l	SUB	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Desmetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3 5 6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlofenthion*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Amino-4-methoxy-6-methyl-1 3 5-triazine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
#	ISO17025 accredited.								
M	mCERTS accredited.								
aq	Aqueous / settled sample.								
dis.filt	Dissolved / filtered sample.								
tot.unfilt	Total / unfiltered sample.								
*	Subcontracted - refer to subcontractor report for accreditation status.								
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery.								
(F)	Trigger breach confirmed								
1-4*§@	Sample deviation (see appendix)								
Component	LOD/Units	Method	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
			Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
			Sample Time	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			Date Received	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			SDG Ref	26670462	26670458	26670457	26670456	26670461	26670460
			Lab Sample No.(s)						
			AGS Reference						
Dichlorimid*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dicrotophos*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid ESA*	<0.05 µg/l	SUB		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diethofencarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenacoum*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoconazole*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Difenoxyuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenzuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Diflufenican*	<0.02 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimefuron*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dimethachlor*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diuron*	<0.01 µg/l	SUB		0.041	<0.02	0.017	<0.02	<0.03	<0.02
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Epoxiconazole*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
EPTC*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethiofencarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethion*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethofumesate*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenamiphos*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenarimol*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenhexamid*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxaprop*	<0.03 µg/l	SUB		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fenoxycarb*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropidin*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenpropimorph*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fensulfotion*	<0.02 µg/l	SUB		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenuron*	<0.01 µg/l	SUB		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fipronil*	<0.05 µg/l	SUB		<0.05	<0.1	<0.05	<0.05	<0.05	<0.1



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filter Dissolved / filtered sample. tot.unfiltr Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
Florasulam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Flusilazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fonofos*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Foramsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Furathiocarb*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Haloxifop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Hexaconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Hexazinone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexythiazox*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Imazalil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazamox*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imazethapyr*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Imidacloprid*	<0.02 µg/l	SUB	0.03	0.062	0.065	0.057	0.056	0.1	0.1
Indoxacarb*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iprodione*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iprovalicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopyrazam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lenacil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Linuron*	<0.02 µg/l	SUB	<0.06	<0.06	<0.06	<0.04	<0.06	<0.06	<0.06
Malaaxon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Malathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mandipropamid*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Sample Time	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			Date Received	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			SDG Ref	26670462	26670458	26670457	26670456	26670461	26670460
			Lab Sample No.(s)						
			AGS Reference						
Component	LOD/Units	Method							
Mecarbam*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Mesotrione*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metamitron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metazachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methamidophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methiocarb*	<0.02 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methomyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metobromuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metoxuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monocrotophos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Monolinuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Monuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Napropamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naptalam*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Neburon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Omethoate*	<0.05 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxadixyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Oxamyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Paclobutrazol*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Date Received	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			SDG Ref	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			Lab Sample No.(s)	26670462	26670458	26670457	26670456	26670461	26670460
			AGS Reference						
Component	LOD/Units	Method							
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Penconazole*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pencycuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pendimethalin*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phorate*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phosalone*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phosphamidon*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Picloram*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Picoxystrobin*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pretlachlor*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prochloraz*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prodiamine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Profenofos*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Promecarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Prometryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propanil*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propaquizafop*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Propazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propham*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
Propoxur*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propyzamide*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
Prosulfocarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrimethanil*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyriproxifen*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Quindlorac*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Quinmerac*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen*	<0.04 µg/l	SUB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Quizalofop*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Rimsulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sebuthylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sethoxydim*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Simazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Simetryn*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuthiuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Teflubenzuron*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Terbutylazine*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine-hydroxy*	<0.01 µg/l	SUB	0.011	<0.01	<0.01	<0.01	<0.01	0.016	<0.01
Terbutryn*	<0.01 µg/l	SUB	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiabendazole*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Thiamethoxam*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Triadimefon*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triadimenol*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*# Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
Tri-alleate*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triasulfuron*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Triazophos*	<0.02 µg/l	SUB	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tricyclazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine*	<0.05 µg/l	SUB	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Triticonazole*	<0.01 µg/l	SUB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alkalinity, Total as CaCO3	<2 mg/l	TM043	128 #	111 #	108 #	136 #	95.4 #	59.7 #	
Carbon, Organic (diss.filt)	<3 mg/l	TM090	6.4 #	10.1 #	10.1 #	9.47 #	9.03 #	9.91 #	
Organic Carbon, Total	<3 mg/l	TM090	6.61 #	11.1 #	9.6 #	8.63 #	9.08 #	10.6 #	
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2 #	0.291 #	<0.2 #	<0.2 #	<0.2 #	<0.2 #	
Fluoride	<0.5 mg/l	TM104	<0.5 #	<0.5 #	<0.5 #	<0.5 #	<0.5 #	0.623 #	
Aluminium (diss.filt)	<10 µg/l	TM152	<10 #	39.2 #	<10 #	<10 #	<10 #	<10 #	
Antimony (diss.filt)	<1 µg/l	TM152	1.56 #	1.45 #	1.33 #	<1 #	1.42 #	1.05 #	
Arsenic (diss.filt)	<0.5 µg/l	TM152	2.24 #	2.09 #	2.35 #	2.07 #	1.57 #	1.1 #	
Boron (diss.filt)	<10 µg/l	TM152	223 #	233 #	235 #	249 #	205 #	162 #	
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	<0.08 #	
Chromium (diss.filt)	<1 µg/l	TM152	2.44 #	1.58 #	1.28 #	1.63 #	1.7 #	1.12 #	
Copper (diss.filt)	<0.3 µg/l	TM152	3.28 #	3.44 #	3.2 #	3.72 #	2.17 #	<0.3 #	
Lead (diss.filt)	<0.2 µg/l	TM152	0.29 #	0.961 #	0.327 #	0.291 #	0.292 #	0.236 #	
Manganese (diss.filt)	<3 µg/l	TM152	45.1 #	69.6 #	23.9 #	17.3 #	41 #	35.2 #	
Phosphorus (tot.unfilt)	<20 µg/l	TM152	340 #	675 #	953 #	668 #	561 #	870 #	
Nickel (diss.filt)	<0.4 µg/l	TM152	8.38 #	12.7 #	11.5 #	8.61 #	11.1 #	10.2 #	
Selenium (diss.filt)	<1 µg/l	TM152	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #	
Sodium (Dis.Filt)	<0.076 mg/l	TM152	45.4 #	60.9 #	61.8 #	85.7 #	53.6 #	66.9 #	
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0536 #	0.125 #	0.0345 #	0.0251 #	0.0443 #	0.041 #	
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	219 #	196 #	212 #	295 #	178 #	146 #	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	
Nitrite as NO2	<0.05 mg/l	TM184	0.305 #	0.653 #	0.424 #	0.145 #	0.317 #	0.243 #	
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	0.458 #	1.87 #	2.61 #	1.74 #	1.25 #	2.06 #	
Sulphate	<2 mg/l	TM184	84.2 #	82.2 #	87.6 #	136 #	73 #	76.7 #	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filter Dissolved / filtered sample. tot.unfiltr Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
Chloride	<2 mg/l	TM184	68.8	87.2	89.9	138	75.3	99.2	
			#	#	#	#	#	#	
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.149	0.609	0.851	0.569	0.409	0.672	
			#	#	#	#	#	#	
Nitrate as NO3	<0.3 mg/l	TM184	26.8	44.3	51	53.9	47.1	54.3	
			#	#	#	#	#	#	
Turbidity	<0.1 ntu	TM195	1.57	1.43	2.89	3.2	1.87	1.89	
			◆#	◆#	◆#	◆#	◆#	◆#	
Bromide	<0.06 mg/l	TM226	0.222	0.241	0.351	0.649	0.212	0.384	
			#	#	#	#	#	#	
Cyanide, Total	<0.05 mg/l	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
								#	
pH	<1 pH Units	TM256	8.02	7.8	7.81	7.89	7.58	7.09	
			#	#	#	#	#	#	
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.605	0.66	0.692	0.935	0.607	0.636	
			#	#	#	#	#	#	
Salinity	<2	TM256	<2	<2	<2	<2	<2	<2	
Apparent Colour	<1 mg/l Pt/Co	TM261	25.7	42.1	38.1	37.9	40	38.7	
True Colour	<1 mg/l Pt/Co	TM261	11.1	24.5	25	21.9	22.7	21.3	
Trifluralin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
alpha-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aldrin	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
beta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Isodrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
delta-HCH	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan I	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
trans-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
cis-Chlordane	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p,p'-DDE	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dieldrin	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endrin	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
o,p'-DDT	<0.01 µg/l	TM343	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Endosulphan II	<0.02 µg/l	TM343	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
p,p'-DDT	<0.01 µg/l	TM343	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited.	M mCERTS accredited.	sg Aqueous / settled sample.	Depth (m)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)
dis.filt Dissolved / filtered sample.		tot.unfilt Total / unfiltered sample.	Sample Type	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
* Subcontracted - refer to subcontractor report for accreditation status.		** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery	Date Sampled	15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00
(F) Trigger breach confirmed		1-4* Sample deviation (see appendix)	Date Received	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
			SDG Ref	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
			Lab Sample No.(s)	26670462	26670458	26670457	26670456	26670461	26670460
			AGS Reference						
Component	LOD/Units	Method							
p,p'-Methoxychlor	<0.01 µg/l	TM343		<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Endosulphan Sulphate	<0.02 µg/l	TM343		<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Permethrin I	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin II	<0.01 µg/l	TM343		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	<0.01 µg/l	TM344		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dichlobenil	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Demeton-S-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Atrazine	<0.01 µg/l	TM344		0.0184	<0.01	0.0151	0.0113	0.0144	<0.01
Simazine	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.12
Disulfoton	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethoate	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos-methyl	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Parathion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	<0.01 µg/l	TM344		<0.07	<0.13	<0.14	<0.13	<0.14	<0.23
Fenthion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos	<0.01 µg/l	TM344		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
trans-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-Chlordane	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	<0.01 µg/l	TM344	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azinphos methyl	<0.02 µg/l	TM344	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Azinphos ethyl	<0.02 µg/l	TM344	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Etridiazole	<0.01 µg/l	TM345	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Telodrin	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Etrimphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon I	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon II	<0.01 µg/l	TM345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Glyphosate	<0.1 µg/l	TM413	0.513	0.69	0.876	<0.4	0.467	0.28	
AMPA	<0.1 µg/l	TM413	1.05	1.39	1.67	1.35	1.21	1.03	
Metaldehyde	<10 ng/l	TM416	24.3	<20	37	31.9	33.2	29	



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*\$@	Sample deviation (see appendix)					
Component	LOD/Units			Method		
1-(3,4-Dichlorophenyl) urea (DCPU)*	<0.02 µg/l	SUB	<0.02			
2,3,6-TBA*	<0.1 µg/l	SUB	<1.5			
2-isopropyl-6-methyl-4-pyrimidinol*	<0.05 µg/l	SUB	<0.05			
Acrylamide*	<0.05 µg/l	SUB	<0.25			
Act-227*	<0.2 Bq/l	SUB	<0.2			
Bromate*	<5 µg/l	SUB	<5			
Chlormequat*	<0.1 µg/l	SUB	<0.1			
Clostridium perfringens (M1U)*	CFU/100ml	SUB	>70			
Cryptosporidium (B0V)*	<0 Oocysts/10L	SUB	<0.962			
Cs-134*	<0.05 Bq/l	SUB	<0.05			
Cyanobacteria (Blue Green algae) (M4C)*	cells/ml	SUB	0			
Enterococci Presumptive (M7N)*	CFU/100ml	SUB	>100			
Epichlorohydrin*	<0.5 µg/l	SUB	<0.5			
Gross Alpha Activity*	<0.04 Bq/l	SUB	<0.06			
Gross Beta Activity*	<0.1 Bq/l	SUB	0.32			
Tritium*	<5 Bq/l	SUB	<5			
TVC 22C 3 Day M1A*	0 CFU_ml	SUB	>1000			
TVC 37C 1 Day (M3H)*	0 CFU_ml	SUB	>1000			
TVC 37C 2 Day (M1B)*	0 CFU_ml	SUB	>1000			
2,4,5-T*	<0.01 µg/l	SUB	<0.02			
2-amino-N-(isopropyl)benzamide*	<0.02 µg/l	SUB	<0.02			
Amidithion*	<0.05 µg/l	SUB	<0.05			
Clostridium Perfringens (M2P)	CFU/100ml	SUB	>100			
Cs-137*	<0.05 Bq/l	SUB	<0.05			
E.coli presumptive (M17)*	CFU/100ml	SUB	>100			
Enterococci Confirmed (M7P)*	CFU/100ml	SUB	>100			
Giardia (B0X)*	<0 cysts/10L	SUB	<0.962			
Pb-210*	<10 Bq/l	SUB	<10			
Total Coliform Presumptive (M16)*	CFU/100ml	SUB	>100			
2,4,5-TP (fenoprop, silvex)*	<0.01 µg/l	SUB	<0.01			
2-Chloro-2,6-diethylacetaniide*	<0.01 µg/l	SUB	<0.01			
Anilazine*	<0.05 µg/l	SUB	<0.05			
Escherichia coli confirmed (M15)*	CFU/100ml	SUB	>100			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
I-131*	<0.05 Bq/l	SUB	0.1				
K-40*	<2 Bq/l	SUB	<2				
Total Coliform Confirmed (M14)*	CFU/100ml	SUB	>100				
2,4-Dichlorophenoxy acetic acid (2,4-D)*	<0.01 µg/l	SUB	0.028				
Acetamiprid*	<0.01 µg/l	SUB	<0.01				
Am-241*	<0.5 Bq/l	SUB	<0.5				
Azaconazole*	<0.05 µg/l	SUB	<0.05				
Pa-231*	<1 Bq/l	SUB	<1				
4-(2,4-Dichlorophenoxy) butyric acid (2,4-DB)*	<0.02 µg/l	SUB	<0.02				
Acetochlor*	<0.03 µg/l	SUB	<0.03				
Azoxystrobin-o-demethyl*	<0.05 µg/l	SUB	<0.05				
Ra-223*	<0.2 Bq/l	SUB	<0.2				
2,4-DP (isomers)*	<0.01 µg/l	SUB	<0.01				
Acibenzolar-S-methyl*	<0.03 µg/l	SUB	<0.03				
Buprofezinil*	<0.05 µg/l	SUB	<0.05				
Ra-226*	<0.2 Bq/l	SUB	<0.2				
4-CPP*	<0.01 µg/l	SUB	<0.01				
Aclonifen*	<0.03 µg/l	SUB	<0.03				
Clodinafop propargyl*	<0.05 µg/l	SUB	<0.05				
Ra-228*	<0.2 Bq/l	SUB	<0.2				
Acifluorfen*	<0.01 µg/l	SUB	<0.01				
Alachlor*	<0.02 µg/l	SUB	<0.02				
Clofentezine*	<0.05 µg/l	SUB	<0.05				
Th-227*	<0.2 Bq/l	SUB	<0.2				
Aldicarb*	<0.05 µg/l	SUB	<0.05				
Aminopyralid*	<0.05 µg/l	SUB	<0.4				
Cyflufenamid*	<0.05 µg/l	SUB	<0.05				
Th-228*	<0.2 Bq/l	SUB	<0.2				
Aldicarb sulfone*	<0.01 µg/l	SUB	<0.01				
Benazolin*	<0.05 µg/l	SUB	<0.05				
Desmedipham*	<0.05 µg/l	SUB	<0.05				
Th-230*	<10 Bq/l	SUB	<10				
Ametryn*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis.filt. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Bentazone*	<0.01 µg/l	SUB	<0.01				
Dimethylaminosulfaniide*	<0.05 µg/l	SUB	<0.05				
Th-234*	<2 Bq/l	SUB	<2				
Amidosulfuron*	<0.02 µg/l	SUB	<0.02				
Bromoxynil*	<0.01 µg/l	SUB	<0.01				
Dimoxystrobin*	<0.05 µg/l	SUB	<0.05				
U-235*	<0.2 Bq/l	SUB	<0.2				
Atraton*	<0.01 µg/l	SUB	<0.01				
Clopyralid*	<0.03 µg/l	SUB	<0.3				
Etoxazole*	<0.05 µg/l	SUB	<0.05				
Atrazine*	<0.01 µg/l	SUB	<0.01				
Dicamba*	<0.03 µg/l	SUB	<0.15				
Famoxadone*	<0.05 µg/l	SUB	<0.05				
Atrazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Diclofop*	<0.02 µg/l	SUB	<0.02				
Famphur*	<0.05 µg/l	SUB	<0.05				
Atrazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Dinoseb*	<0.02 µg/l	SUB	<0.02				
Fenamiphos sulfone*	<0.05 µg/l	SUB	<0.05				
Atrazine-desisopropyl*	<0.01 µg/l	SUB	<0.01				
Dinoterb*	<0.04 µg/l	SUB	<0.12				
Fenamiphos sulfoxide*	<0.05 µg/l	SUB	<0.05				
Azinphos-ethyl*	<0.04 µg/l	SUB	<0.04				
DNOC*	<0.03 µg/l	SUB	<0.03				
Fenothiocarb*	<0.05 µg/l	SUB	<0.05				
Azinphos-methyl*	<0.04 µg/l	SUB	<0.04				
Fludioxonil*	<0.05 µg/l	SUB	<0.05				
Fluroxypyr*	<0.02 µg/l	SUB	<0.1				
Azoxystrobin*	<0.01 µg/l	SUB	<0.01				
Fluopyram*	<0.05 µg/l	SUB	<0.05				
loxynil*	<0.01 µg/l	SUB	<0.01				
2-Methyl-4-chlorophenoxyacetic acid (MCPA)*	<0.01 µg/l	SUB	0.011				
BAM*	<0.01 µg/l	SUB	0.014				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Fluquinconazole*	<0.05 µg/l	SUB	<0.05				
4-(4-Chloro-o-tolyloxy) butyric acid (MCPB)*	<0.02 µg/l	SUB	<0.02				
BDMC*	<0.02 µg/l	SUB	<0.02				
Fosthiazate*	<0.05 µg/l	SUB	<0.05				
Benalaxyl*	<0.02 µg/l	SUB	<0.02				
Furalaxyl*	<0.05 µg/l	SUB	<0.05				
MCPP (isomers)*	<0.01 µg/l	SUB	0.043				
Bendiocarb*	<0.01 µg/l	SUB	<0.01				
Haloxypop-2-ethoxyethyl*	<0.05 µg/l	SUB	<0.05				
Picloram*	<0.02 µg/l	SUB	<0.24				
Bentazone methyl*	<0.03 µg/l	SUB	<0.03				
Imidacloprid*	<0.05 µg/l	SUB	0.072				
Propoxycarbazono-sodium*	<0.01 µg/l	SUB	<0.1				
Bifenox*	<0.04 µg/l	SUB	<0.04				
Imidacloprid olefin*	<0.05 µg/l	SUB	<0.05				
Triclopyr*	<0.03 µg/l	SUB	<0.06				
Bitertanol*	<0.02 µg/l	SUB	<0.02				
Imidacloprid urea*	<0.05 µg/l	SUB	<0.05				
Triclosan*	<0.05 µg/l	SUB	<0.05				
Boscalid*	<0.01 µg/l	SUB	<0.01				
Methiocarb sulfioxide*	<0.05 µg/l	SUB	<0.05				
Bromacil*	<0.01 µg/l	SUB	<0.01				
Metrafenone*	<0.05 µg/l	SUB	<0.05				
Bromophos-ethyl*	<0.03 µg/l	SUB	<0.03				
Myclobutanil*	<0.05 µg/l	SUB	<0.05				
Cadusafos*	<0.02 µg/l	SUB	<0.02				
Norflurazon*	<0.05 µg/l	SUB	<0.05				
Carbaryl*	<0.01 µg/l	SUB	<0.01				
Oxadiazon*	<0.05 µg/l	SUB	<0.05				
Carbendazim*	<0.01 µg/l	SUB	<0.01				
Oxyfluorfen*	<0.05 µg/l	SUB	<0.05				
Carbetamide*	<0.01 µg/l	SUB	<0.01				
Pethoxamid*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4*§@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Carbofuran*	<0.01 µg/l	SUB	<0.01				
Phenmedipham*	<0.05 µg/l	SUB	<0.05				
Carbofuran-3-hydroxy*	<0.01 µg/l	SUB	<0.01				
Phosmet oxon*	<0.05 µg/l	SUB	<0.05				
Carboxin*	<0.02 µg/l	SUB	<0.02				
Pyraclostrobin*	<0.05 µg/l	SUB	<0.05				
Carfentrazone-ethyl*	<0.04 µg/l	SUB	<0.04				
Pyridaben*	<0.05 µg/l	SUB	<0.05				
Chlorbromuron*	<0.01 µg/l	SUB	<0.01				
Quinalphos*	<0.05 µg/l	SUB	<0.05				
Chlorfenvinphos*	<0.01 µg/l	SUB	<0.01				
Quizalofop-p-ethyl*	<0.05 µg/l	SUB	<0.05				
Chloridazon*	<0.01 µg/l	SUB	<0.01				
Tebufenpyrad*	<0.05 µg/l	SUB	<0.05				
Chloridazon-desphenyl*	<0.03 µg/l	SUB	<0.03				
Thiacloprid*	<0.05 µg/l	SUB	<0.05				
Chloridazon-methyl desphenyl*	<0.05 µg/l	SUB	<0.05				
Thiazafurion*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron*	<0.01 µg/l	SUB	<0.01				
Sedaxane*	<0.05 µg/l	SUB	<0.05				
Chlorotoluron-desmethyl*	<0.02 µg/l	SUB	<0.02				
Thidiazuron*	<0.05 µg/l	SUB	<0.05				
Chloroxuron*	<0.01 µg/l	SUB	<0.01				
Tolclofos-methyl*	<0.05 µg/l	SUB	<0.05				
Chlorpropham*	<0.05 µg/l	SUB	<0.05				
Trifloxystrobin*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos*	<0.005 µg/l	SUB	<0.005				
Triflumizole*	<0.05 µg/l	SUB	<0.05				
Chlorpyrifos-methyl*	<0.02 µg/l	SUB	<0.02				
Triflumuron*	<0.05 µg/l	SUB	<0.05				
Chlorsulfuron*	<0.01 µg/l	SUB	<0.01				
Trinexapac-ethyl*	<0.05 µg/l	SUB	<0.05				
Clodinafop*	<0.03 µg/l	SUB	<0.03				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Tritosulfuron*	<0.05 µg/l	SUB	<0.05				
Clomazone*	<0.01 µg/l	SUB	<0.01				
Zoxamide*	<0.05 µg/l	SUB	<0.05				
Clomeprop*	<0.01 µg/l	SUB	<0.01				
Flufenacet ESA*	<0.05 µg/l	SUB	<0.05				
Clothianidin*	<0.05 µg/l	SUB	<0.01				
Flufenacet*	<0.05 µg/l	SUB	<0.05				
Coumaphos*	<0.02 µg/l	SUB	<0.02				
Flufenacet OA*	<0.05 µg/l	SUB	<0.05				
Crimidine*	<0.03 µg/l	SUB	<0.03				
Iodosulfuron-methyl*	<0.05 µg/l	SUB	<0.05				
Cyanazine*	<0.01 µg/l	SUB	<0.01				
Isoxaflutole diketonitrile*	<0.05 µg/l	SUB	<0.05				
Cybutryne (Irgarol)*	<0.01 µg/l	SUB	<0.01				
Propazine-2-hydroxy*	<0.05 µg/l	SUB	<0.05				
Cymoxanil*	<0.05 µg/l	SUB	<0.05				
Metolachlor NOA 413173*	<0.05 µg/l	SUB	<0.05				
Cyprazine*	<0.02 µg/l	SUB	<0.02				
Dimetachlor CGA 369873*	<0.05 µg/l	SUB	<0.05				
Cyproconazole*	<0.01 µg/l	SUB	<0.01				
Flutriafol*	<0.05 µg/l	SUB	<0.05				
Cyprodinil*	<0.02 µg/l	SUB	<0.02				
Isoxaflutole*	<0.05 µg/l	SUB	<0.05				
Cyromazine*	<0.05 µg/l	SUB	<0.05				
Metolachlor CGA 368208*	<0.05 µg/l	SUB	<0.05				
Trietazine*	<0.05 µg/l	SUB	<0.1				
Desmetryn*	<0.01 µg/l	SUB	<0.01				
Dimethenamid OA*	<0.05 µg/l	SUB	<0.05				
3,5,6-Trichloropyridin-2-ol*	<0.05 µg/l	SUB	<0.05				
Diazinon*	<0.02 µg/l	SUB	<0.02				
Atrazine-desethyl desisopropyl*	<0.05 µg/l	SUB	<0.05				
Dichlofenthion*	<0.05 µg/l	SUB	<0.05				
2-Amino-4-methoxy-6-methyl-1,3,5-triazine*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Dichlorimid*	<0.05 µg/l	SUB	<0.05				
Dichlorvos*	<0.05 µg/l	SUB	<0.05				
Dicrotophos*	<0.01 µg/l	SUB	<0.01				
Dimethenamid ESA*	<0.05 µg/l	SUB	<0.05				
Diethofencarb*	<0.02 µg/l	SUB	<0.02				
Difenacoum*	<0.02 µg/l	SUB	<0.02				
Difenoconazole*	<0.02 µg/l	SUB	<0.02				
Difenoxyuron*	<0.02 µg/l	SUB	<0.02				
Diflubenzuron*	<0.02 µg/l	SUB	<0.02				
Diflufenican*	<0.02 µg/l	SUB	<0.01				
Dimefuron*	<0.02 µg/l	SUB	<0.02				
Dimethachlor*	<0.01 µg/l	SUB	<0.01				
Dimethenamid*	<0.01 µg/l	SUB	<0.01				
Dimethoate*	<0.01 µg/l	SUB	<0.01				
Dimethomorph*	<0.01 µg/l	SUB	<0.01				
Diuron*	<0.01 µg/l	SUB	<0.03				
Diuron desmethyl (DCPMU)*	<0.03 µg/l	SUB	<0.03				
Epoxiconazole*	<0.03 µg/l	SUB	<0.03				
EPTC*	<0.02 µg/l	SUB	<0.02				
Ethiofencarb*	<0.02 µg/l	SUB	<0.02				
Ethion*	<0.02 µg/l	SUB	<0.02				
Ethofumesate*	<0.01 µg/l	SUB	<0.01				
Ethoprophos*	<0.02 µg/l	SUB	<0.02				
Fenamiphos*	<0.02 µg/l	SUB	<0.02				
Fenarimol*	<0.03 µg/l	SUB	<0.03				
Fenhexamid*	<0.03 µg/l	SUB	<0.03				
Fenoxaprop*	<0.03 µg/l	SUB	<0.03				
Fenoxycarb*	<0.02 µg/l	SUB	<0.02				
Fenpropidin*	<0.02 µg/l	SUB	<0.02				
Fenpropimorph*	<0.01 µg/l	SUB	<0.01				
Fensulfothion*	<0.02 µg/l	SUB	<0.02				
Fenuron*	<0.01 µg/l	SUB	<0.01				
Fipronil*	<0.05 µg/l	SUB	<0.05				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c			
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459			
Component	LOD/Units	Method				
Florasulam*	<0.02 µg/l	SUB	<0.02			
Fluazifop*	<0.02 µg/l	SUB	<0.02			
Fluazifop-butyl (isomers)*	<0.02 µg/l	SUB	<0.02			
Fluazifop-p-butyl*	<0.02 µg/l	SUB	<0.02			
Flusilazole*	<0.01 µg/l	SUB	<0.01			
Flutolanil*	<0.02 µg/l	SUB	<0.02			
Fonofos*	<0.05 µg/l	SUB	<0.05			
Foramsulfuron*	<0.01 µg/l	SUB	<0.01			
Furathiocarb*	<0.02 µg/l	SUB	<0.02			
Haloxifop*	<0.03 µg/l	SUB	<0.03			
Haloxifop-methyl (isomers)*	<0.03 µg/l	SUB	<0.03			
Haloxifop-p-methyl*	<0.03 µg/l	SUB	<0.03			
Hexaconazole*	<0.02 µg/l	SUB	<0.02			
Hexazinone*	<0.01 µg/l	SUB	<0.01			
Hexythiazox*	<0.02 µg/l	SUB	<0.02			
Imazalil*	<0.03 µg/l	SUB	<0.03			
Imazamethabenz-methyl*	<0.01 µg/l	SUB	<0.01			
Imazamox*	<0.01 µg/l	SUB	<0.01			
Imazethapyr*	<0.01 µg/l	SUB	<0.01			
Imidacloprid*	<0.02 µg/l	SUB	0.067			
Indoxacarb*	<0.05 µg/l	SUB	<0.05			
Iprodione*	<0.03 µg/l	SUB	<0.03			
Iprovalicarb*	<0.01 µg/l	SUB	<0.01			
Isoproturon*	<0.01 µg/l	SUB	<0.01			
Isoproturon-desmethyl*	<0.02 µg/l	SUB	<0.02			
Isoproturon-monodesmethyl*	<0.02 µg/l	SUB	<0.02			
Isopyrazam*	<0.03 µg/l	SUB	<0.03			
Kresoxim-methyl*	<0.03 µg/l	SUB	<0.03			
Lenacil*	<0.03 µg/l	SUB	<0.03			
Linuron*	<0.02 µg/l	SUB	<0.06			
Malaoxon*	<0.02 µg/l	SUB	<0.02			
Malathion*	<0.01 µg/l	SUB	<0.01			
Mandipropamid*	<0.02 µg/l	SUB	<0.02			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#&@ Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Mecarbam*	<0.02 µg/l	SUB	<0.02				
Mefenpyr-diethyl*	<0.02 µg/l	SUB	<0.02				
Mesosulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Mesotrione*	<0.05 µg/l	SUB	<0.05				
Metalaxyl (isomers)*	<0.01 µg/l	SUB	<0.01				
Metamitron*	<0.03 µg/l	SUB	<0.03				
Metazachlor*	<0.01 µg/l	SUB	<0.01				
Metconazole*	<0.02 µg/l	SUB	<0.02				
Methabenzthiazuron*	<0.01 µg/l	SUB	<0.01				
Methamidophos*	<0.01 µg/l	SUB	<0.01				
Methidathion*	<0.01 µg/l	SUB	<0.01				
Methiocarb*	<0.02 µg/l	SUB	<0.01				
Methomyl*	<0.01 µg/l	SUB	<0.01				
Methoxyfenozide*	<0.03 µg/l	SUB	<0.03				
Metobromuron*	<0.03 µg/l	SUB	<0.03				
Metolachlor (isomers)*	<0.01 µg/l	SUB	<0.01				
Metoxuron*	<0.01 µg/l	SUB	<0.01				
Metribuzin*	<0.03 µg/l	SUB	<0.03				
Metribuzin-desamino*	<0.01 µg/l	SUB	<0.01				
Metsulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Molinate*	<0.01 µg/l	SUB	<0.01				
Monocrotophos*	<0.01 µg/l	SUB	<0.01				
Monolinuron*	<0.02 µg/l	SUB	<0.02				
Monuron*	<0.02 µg/l	SUB	<0.02				
Napropamide*	<0.01 µg/l	SUB	<0.01				
Naptalam*	<0.03 µg/l	SUB	<0.03				
Neburon*	<0.01 µg/l	SUB	<0.01				
Nicosulfuron*	<0.01 µg/l	SUB	<0.01				
Nuarimol*	<0.02 µg/l	SUB	<0.02				
Omethoate*	<0.05 µg/l	SUB	<0.03				
Oxadixyl*	<0.03 µg/l	SUB	<0.03				
Oxamyl*	<0.01 µg/l	SUB	<0.01				
Paclobutrazol*	<0.02 µg/l	SUB	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Paraoxon-ethyl*	<0.02 µg/l	SUB	<0.02				
Paraoxon-methyl*	<0.02 µg/l	SUB	<0.02				
Parathion-ethyl*	<0.05 µg/l	SUB	<0.05				
Penconazole*	<0.02 µg/l	SUB	<0.02				
Pencycuron*	<0.02 µg/l	SUB	<0.02				
Pendimethalin*	<0.03 µg/l	SUB	<0.03				
Phorate*	<0.03 µg/l	SUB	<0.03				
Phosalone*	<0.01 µg/l	SUB	<0.01				
Phosmet*	<0.05 µg/l	SUB	<0.05				
Phosphamidon*	<0.01 µg/l	SUB	<0.01				
Picloram*	<0.05 µg/l	SUB	<0.05				
Picoxystrobin*	<0.01 µg/l	SUB	<0.01				
Pirimicarb*	<0.01 µg/l	SUB	<0.01				
Pirimiphos-ethyl*	<0.02 µg/l	SUB	<0.02				
Pirimiphos-methyl*	<0.01 µg/l	SUB	<0.01				
Pretilachlor*	<0.02 µg/l	SUB	<0.02				
Primisulfuron-methyl*	<0.02 µg/l	SUB	<0.02				
Prochloraz*	<0.02 µg/l	SUB	<0.02				
Prodiamine*	<0.05 µg/l	SUB	<0.05				
Profenofos*	<0.01 µg/l	SUB	<0.01				
Promecarb*	<0.01 µg/l	SUB	<0.01				
Prometon*	<0.02 µg/l	SUB	<0.02				
Prometryn*	<0.01 µg/l	SUB	<0.01				
Propachlor*	<0.01 µg/l	SUB	<0.01				
Propamocarb*	<0.03 µg/l	SUB	<0.03				
Propanil*	<0.03 µg/l	SUB	<0.03				
Propaquizafop*	<0.03 µg/l	SUB	<0.03				
Propazine*	<0.01 µg/l	SUB	<0.01				
Propham*	<0.05 µg/l	SUB	<0.05				
Propiconazole*	<0.01 µg/l	SUB	<0.01				
Propoxur*	<0.01 µg/l	SUB	<0.01				
Propoxycarbazone-sodium*	<0.05 µg/l	SUB	<0.05				
Propyzamide*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis.filt. Dissolved / filtered sample. tot.unfilt. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4#% Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Prosulfocarb*	<0.01 µg/l	SUB	<0.01				
Prothioconazole*	<0.05 µg/l	SUB	<0.05				
Pyribenzoxim*	<0.05 µg/l	SUB	<0.05				
Pyrimethanil*	<0.02 µg/l	SUB	<0.02				
Pyriproxifen*	<0.03 µg/l	SUB	<0.03				
Quindlorac*	<0.02 µg/l	SUB	<0.02				
Quinmerac*	<0.01 µg/l	SUB	<0.01				
Quinoxifen*	<0.04 µg/l	SUB	<0.04				
Quizalofop*	<0.05 µg/l	SUB	<0.05				
Rimsulfuron*	<0.01 µg/l	SUB	<0.01				
Sebuthylazine*	<0.01 µg/l	SUB	<0.01				
Secbumeton*	<0.01 µg/l	SUB	<0.01				
Sethoxydim*	<0.02 µg/l	SUB	<0.02				
Simazine*	<0.01 µg/l	SUB	<0.01				
Simazine-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Simetryn*	<0.01 µg/l	SUB	<0.01				
Spiroxamine*	<0.01 µg/l	SUB	<0.01				
Sulfosulfuron*	<0.01 µg/l	SUB	<0.01				
Tebuconazole*	<0.01 µg/l	SUB	<0.01				
Tebuthiuron*	<0.02 µg/l	SUB	<0.02				
Teflubenzuron*	<0.03 µg/l	SUB	<0.03				
Terbuthylazine*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-desethyl-2-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbuthylazine-hydroxy*	<0.01 µg/l	SUB	<0.01				
Terbutryn*	<0.01 µg/l	SUB	<0.01				
Thiabendazole*	<0.03 µg/l	SUB	<0.03				
Thiamethoxam*	<0.01 µg/l	SUB	<0.01				
Thifensulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Thiobencarb*	<0.01 µg/l	SUB	<0.01				
Thiophanate-methyl*	<0.03 µg/l	SUB	<0.03				
Triadimefon*	<0.02 µg/l	SUB	<0.02				
Triadimenol*	<0.01 µg/l	SUB	<0.01				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Tri-alleate*	<0.05 µg/l	SUB	<0.05				
Triasulfuron*	<0.02 µg/l	SUB	<0.02				
Triazophos*	<0.02 µg/l	SUB	<0.02				
Tribenuron-methyl*	<0.01 µg/l	SUB	<0.01				
Tricyclazole*	<0.01 µg/l	SUB	<0.01				
Trifloxysulfuron-sodium*	<0.01 µg/l	SUB	<0.01				
Triflusulfuron-methyl*	<0.01 µg/l	SUB	<0.01				
Triforine*	<0.05 µg/l	SUB	<0.05				
Triticonazole*	<0.01 µg/l	SUB	<0.01				
Alkalinity, Total as CaCO3	<2 mg/l	TM043	91.5	#			
Carbon, Organic (diss.filt)	<3 mg/l	TM090	8.67				
Organic Carbon, Total	<3 mg/l	TM090	10.1	#			
Ammoniacal Nitrogen as NH3	<0.2 mg/l	TM099	<0.2	#			
Fluoride	<0.5 mg/l	TM104	<0.5				
Aluminium (diss.filt)	<10 µg/l	TM152	<10	#			
Antimony (diss.filt)	<1 µg/l	TM152	1.37	#			
Arsenic (diss.filt)	<0.5 µg/l	TM152	1.47	#			
Boron (diss.filt)	<10 µg/l	TM152	195	#			
Cadmium (diss.filt)	<0.08 µg/l	TM152	<0.08	#			
Chromium (diss.filt)	<1 µg/l	TM152	1.52	#			
Copper (diss.filt)	<0.3 µg/l	TM152	2.36	#			
Lead (diss.filt)	<0.2 µg/l	TM152	0.479	#			
Manganese (diss.filt)	<3 µg/l	TM152	31.4	#			
Phosphorus (tot.unfilt)	<20 µg/l	TM152	445	#			
Nickel (diss.filt)	<0.4 µg/l	TM152	10.4	#			
Selenium (diss.filt)	<1 µg/l	TM152	<1	#			
Sodium (Dis.Filt)	<0.076 mg/l	TM152	54.2	#			
Iron (Dis.Filt)	<0.019 mg/l	TM152	0.0456	#			
Hardness, Total as CaCO3 unfiltered	<0.35 mg/l	TM152	176				
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01				
Nitrite as NO2	<0.05 mg/l	TM184	0.347	#			
Phosphate (Ortho as PO4)	<0.05 mg/l	TM184	1.05	#			
Sulphate	<2 mg/l	TM184	73.9	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Chloride	<2 mg/l	TM184	78.9	#			
Phosphate (Ortho as P)	<0.02 mg/l	TM184	0.342	#			
Nitrate as NO3	<0.3 mg/l	TM184	45.5	#			
Turbidity	<0.1 ntu	TM195	1.38	◆ #			
Bromide	<0.06 mg/l	TM226	0.228	#			
Cyanide, Total	<0.05 mg/l	TM227	<0.05				
pH	<1 pH Units	TM256	7.51	#			
Conductivity @ 20 deg.C	<0.02 mS/cm	TM256	0.604	#			
Salinity	<2	TM256	<2				
Apparent Colour	<1 mg/l Pt/Co	TM261	34.4				
True Colour	<1 mg/l Pt/Co	TM261	20.4				
Trifluralin	<0.01 µg/l	TM343	<0.01				
alpha-HCH	<0.01 µg/l	TM343	<0.01				
gamma-HCH (Lindane)	<0.01 µg/l	TM343	<0.01				
Heptachlor	<0.01 µg/l	TM343	<0.01				
Aldrin	<0.01 µg/l	TM343	<0.02				
beta-HCH	<0.01 µg/l	TM343	<0.01				
Isodrin	<0.01 µg/l	TM343	<0.01				
delta-HCH	<0.01 µg/l	TM343	<0.01				
Heptachlor epoxide	<0.01 µg/l	TM343	<0.01				
o,p'-DDE	<0.01 µg/l	TM343	<0.01				
Endosulphan I	<0.01 µg/l	TM343	<0.01				
trans-Chlordane	<0.01 µg/l	TM343	<0.01				
cis-Chlordane	<0.01 µg/l	TM343	<0.01				
p,p'-DDE	<0.01 µg/l	TM343	<0.01				
Dieldrin	<0.01 µg/l	TM343	<0.01				
o,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endrin	<0.01 µg/l	TM343	<0.02				
o,p'-DDT	<0.01 µg/l	TM343	<0.06				
p,p'-DDD (TDE)	<0.01 µg/l	TM343	<0.01				
Endosulphan II	<0.02 µg/l	TM343	<0.04				
p,p'-DDT	<0.01 µg/l	TM343	<0.1				
o,p'-Methoxychlor	<0.01 µg/l	TM343	<0.02				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c			
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459			
Component	LOD/Units	Method				
p,p'-Methoxychlor	<0.01 µg/l	TM343	<0.06			
Endosulphan Sulphate	<0.02 µg/l	TM343	<0.06			
Permethrin I	<0.01 µg/l	TM343	<0.01			
Permethrin II	<0.01 µg/l	TM343	<0.01			
1,3,5-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Hexachlorobutadiene	<0.01 µg/l	TM344	<0.01			
1,2,4-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
1,2,3-Trichlorobenzene	<0.01 µg/l	TM344	<0.01			
Dichlorvos	<0.01 µg/l	TM344	<0.02			
Dichlobenil	<0.01 µg/l	TM344	<0.01			
Mevinphos	<0.01 µg/l	TM344	<0.01			
Tecnazene	<0.01 µg/l	TM344	<0.01			
Hexachlorobenzene	<0.01 µg/l	TM344	<0.01			
Demeton-S-methyl	<0.01 µg/l	TM344	<0.01			
Phorate	<0.01 µg/l	TM344	<0.01			
Diazinon	<0.01 µg/l	TM344	<0.01			
Triallate	<0.01 µg/l	TM344	<0.01			
Atrazine	<0.01 µg/l	TM344	0.014			
Simazine	<0.01 µg/l	TM344	<0.01			
Disulfoton	<0.01 µg/l	TM344	<0.01			
Propetamphos	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos-methyl	<0.01 µg/l	TM344	<0.01			
Dimethoate	<0.01 µg/l	TM344	<0.01			
Pirimiphos-methyl	<0.01 µg/l	TM344	<0.01			
Chlorpyrifos	<0.01 µg/l	TM344	<0.01			
Methyl Parathion	<0.01 µg/l	TM344	<0.01			
Malathion	<0.01 µg/l	TM344	<0.14			
Fenthion	<0.01 µg/l	TM344	<0.01			
Fenitrothion	<0.01 µg/l	TM344	<0.01			
Triadimefon	<0.01 µg/l	TM344	<0.01			
Pendimethalin	<0.01 µg/l	TM344	<0.01			
Parathion	<0.01 µg/l	TM344	<0.01			
Chlorfenvinphos	<0.01 µg/l	TM344	<0.01			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
trans-Chlordane	<0.01 µg/l	TM344	<0.01				
cis-Chlordane	<0.01 µg/l	TM344	<0.01				
Ethion	<0.01 µg/l	TM344	<0.01				
Carbophenothion	<0.01 µg/l	TM344	<0.01				
Triazophos	<0.01 µg/l	TM344	<0.01				
Phosalone	<0.01 µg/l	TM344	<0.01				
Azinphos methyl	<0.02 µg/l	TM344	<0.06				
Azinphos ethyl	<0.02 µg/l	TM344	<0.02				
Etridiazole	<0.01 µg/l	TM345	<0.02				
Pentachlorobenzene	<0.01 µg/l	TM345	<0.01				
Propachlor	<0.01 µg/l	TM345	<0.01				
Quintozene (PCNB)	<0.01 µg/l	TM345	<0.01				
Omethoate	<0.01 µg/l	TM345	<0.01				
Propazine	<0.01 µg/l	TM345	<0.01				
Propyzamide	<0.01 µg/l	TM345	<0.01				
Alachlor	<0.01 µg/l	TM345	<0.01				
Prometryn	<0.01 µg/l	TM345	<0.01				
Telodrin	<0.01 µg/l	TM345	<0.01				
Terbutryn	<0.01 µg/l	TM345	<0.01				
Chlorothalonil	<0.01 µg/l	TM345	<0.01				
Etrimphos	<0.01 µg/l	TM345	<0.01				
Metazachlor	<0.01 µg/l	TM345	<0.01				
Cyanazine	<0.01 µg/l	TM345	<0.01				
Trietazine	<0.01 µg/l	TM345	<0.01				
Coumaphos	<0.01 µg/l	TM345	<0.01				
Phosphamidon I	<0.01 µg/l	TM345	<0.01				
Phosphamidon II	<0.01 µg/l	TM345	<0.01				
Glyphosate	<0.1 µg/l	TM413	0.405				
AMPA	<0.1 µg/l	TM413	1.13				
Metalddehyde	<10 ng/l	TM416	<20				



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

PAH Spec MS - Aqueous (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b	
#	ISO17025 accredited.		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Surface Water (SW)	Treated Sewage (TS)	
M	mCERTS accredited.			01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
aq	Aqueous / settled sample.			15:36:00	11:54:00	10:51:00	09:55:00	14:00:00	14:37:00	14:37:00
diss.filt	Dissolved / filtered sample.			01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
tot.unfilt	Total / unfiltered sample.			220802-31	220802-31	220802-31	220802-31	220802-31	220802-31	220802-31
	Subcontracted - refer to subcontractor report for accreditation status.			26670462	26670458	26670457	26670456	26670461	26670460	
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery									
(F)	Trigger breach confirmed									
1-4**@	Sample deviation (see appendix)									
Component	LOD/Units	Method								
Naphthalene (aq)	<0.01 µg/l	TM178	0.0159	0.0125	0.0188	<0.01	0.0674	<0.01		
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0217	<0.005		
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.015	0.019	0.0156	0.00968	0.347	0.0126		
Anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	0.00909		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.0116	0.0127	0.0105	<0.005	0.368	0.0104		
Fluorene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0188	<0.005		
Chrysene (aq)	<0.005 µg/l	TM178	<0.005	0.0052	<0.005	<0.005	0.155	<0.005		
Pyrene (aq)	<0.005 µg/l	TM178	0.0143	0.0151	0.0125	0.00838	0.241	0.00874		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0558	<0.005		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	0.00857	<0.005	<0.005	0.168	<0.005		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0694	<0.005		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	<0.002	0.00393	<0.002	<0.002	0.082	<0.002		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0523	<0.005		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	<0.005	<0.005	<0.005	<0.005	0.0519	<0.005		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	<0.082	<0.082	<0.082	<0.082	1.7	<0.082		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

PAH Spec MS - Aqueous (W)

Results Legend		Customer Sample Ref.	MIN-02c			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
diss.filt	Dissolved / filtered sample.					
tot.unfilt	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*\$@	Sample deviation (see appendix)					
Component	LOD/Units			Method		
Naphthalene (aq)	<0.01 µg/l	TM178	0.0584	#		
Acenaphthene (aq)	<0.005 µg/l	TM178	0.0308	#		
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005	#		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.434	#		
Anthracene (aq)	<0.005 µg/l	TM178	0.00582	#		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.475	#		
Fluorene (aq)	<0.005 µg/l	TM178	0.0274	#		
Chrysene (aq)	<0.005 µg/l	TM178	0.158	#		
Pyrene (aq)	<0.005 µg/l	TM178	0.278	#		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.0732	#		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	0.207	#		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.0769	#		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.093	#		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.0152	#		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.0378	#		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.0488	#		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	2.02	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. aq Aqueous / settled sample. diss.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery (F) Trigger breach confirmed 1-4*% Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method						
Dibromofluoromethane**	%	TM208	108	107	107	108	107	109
Toluene-d8**	%	TM208	99.1	99.3	99.1	97.5	98.8	99.2
4-Bromofluorobenzene**	%	TM208	95.5	93.3	94	95.1	95.8	93.6
Dichlorodifluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Vinyl chloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichlorofluoromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbon disulphide	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dichloromethane	<3 µg/l	TM208	<7 #	<9 #	<9 #	<7 #	<9 #	<9 #
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
2,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromochloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Chloroform	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,1-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Carbontetrachloride	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Benzene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Trichloroethene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,2-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Dibromomethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Bromodichloromethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Toluene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,1,2-Trichloroethane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
1,3-Dichloropropane	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

VOC MS (W)

Results Legend			Customer Sample Ref.	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b
# ISO17025 accredited. M mCERTS accredited. sq Aqueous / settled sample. dis.filt Dissolved / filtered sample. tot.unfilt Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4* Sample deviation (see appendix)			Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 15:36:00 01/08/2022 220802-31 26670462	Surface Water (SW) 01/08/2022 11:54:00 01/08/2022 220802-31 26670458	Surface Water (SW) 01/08/2022 10:51:00 01/08/2022 220802-31 26670457	Surface Water (SW) 01/08/2022 09:55:00 01/08/2022 220802-31 26670456	Surface Water (SW) 01/08/2022 14:00:00 01/08/2022 220802-31 26670461	Treated Sewage (TS) 01/08/2022 14:37:00 01/08/2022 220802-31 26670460
Component	LOD/Units	Method							
Tetrachloroethene	<1 µg/l	TM208	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromoethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Chlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
Ethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
m,p-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
o-Xylene	<1 µg/l	TM208	#	#	#	#	#	#	#
Styrene	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromofom	<1 µg/l	TM208	#	#	#	#	#	#	#
Isopropylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
Bromobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Propylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
2-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-Chlorotoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trimethylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
sec-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
4-iso-Propyltoluene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,4-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
n-Butylbenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,4-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
Hexachlorobutadiene	<1 µg/l	TM208	#	#	#	#	#	#	#
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	#	#	#	#	#	#	#
Naphthalene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,2,3-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#
1,3,5-Trichlorobenzene	<1 µg/l	TM208	#	#	#	#	#	#	#



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02c			
#	ISO17025 accredited.	Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459			
M	mCERTS accredited.					
aq	Aqueous / settled sample.					
dis.s.flit	Dissolved / filtered sample.					
tot.unflit	Total / unfiltered sample.					
*	Subcontracted - refer to subcontractor report for accreditation status.					
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery					
(F)	Trigger breach confirmed					
1-4*\$@	Sample deviation (see appendix)					
Component	LOD/Units	Method				
Dibromofluoromethane**	%	TM208	108			
Toluene-d8**	%	TM208	100			
4-Bromofluorobenzene**	%	TM208	96.1			
Dichlorodifluoromethane	<1 µg/l	TM208	<1	#		
Chloromethane	<1 µg/l	TM208	<1	#		
Vinyl chloride	<1 µg/l	TM208	<1	#		
Bromomethane	<1 µg/l	TM208	<1	#		
Chloroethane	<1 µg/l	TM208	<1	#		
Trichlorofluoromethane	<1 µg/l	TM208	<1	#		
1,1-Dichloroethene	<1 µg/l	TM208	<1	#		
Carbon disulphide	<1 µg/l	TM208	<1	#		
Dichloromethane	<3 µg/l	TM208	<9	#		
Methyl tertiary butyl ether (MTBE)	<1 µg/l	TM208	<1	#		
trans-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
1,1-Dichloroethane	<1 µg/l	TM208	<1	#		
cis-1,2-Dichloroethene	<1 µg/l	TM208	<1	#		
2,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Bromochloromethane	<1 µg/l	TM208	<1	#		
Chloroform	<1 µg/l	TM208	<1	#		
1,1,1-Trichloroethane	<1 µg/l	TM208	<1	#		
1,1-Dichloropropene	<1 µg/l	TM208	<1	#		
Carbontetrachloride	<1 µg/l	TM208	<1	#		
1,2-Dichloroethane	<1 µg/l	TM208	<1	#		
Benzene	<1 µg/l	TM208	<1	#		
Trichloroethene	<1 µg/l	TM208	<1	#		
1,2-Dichloropropane	<1 µg/l	TM208	<1	#		
Dibromomethane	<1 µg/l	TM208	<1	#		
Bromodichloromethane	<1 µg/l	TM208	<1	#		
cis-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
Toluene	<1 µg/l	TM208	<1	#		
trans-1,3-Dichloropropene	<1 µg/l	TM208	<1	#		
1,1,2-Trichloroethane	<1 µg/l	TM208	<1	#		
1,3-Dichloropropane	<1 µg/l	TM208	<1	#		



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

VOC MS (W)

Results Legend		Customer Sample Ref.	MIN-02c				
# ISO17025 accredited. M mCERTS accredited. sq. Aqueous / settled sample. dis. fil. Dissolved / filtered sample. tot.unfil. Total / unfiltered sample. * Subcontracted - refer to subcontractor report for accreditation status. ** % recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery. (F) Trigger breach confirmed 1-4# Sample deviation (see appendix)		Depth (m) Sample Type Date Sampled Sample Time Date Received SDG Ref Lab Sample No.(s) AGS Reference	Surface Water (SW) 01/08/2022 13:10:00 01/08/2022 220802-31 26670459				
Component	LOD/Units	Method					
Tetrachloroethene	<1 µg/l	TM208	<1	#			
Dibromochloromethane	<1 µg/l	TM208	<1	#			
1,2-Dibromoethane	<1 µg/l	TM208	<1	#			
Chlorobenzene	<1 µg/l	TM208	<1	#			
1,1,1,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
Ethylbenzene	<1 µg/l	TM208	<1	#			
m,p-Xylene	<1 µg/l	TM208	<1	#			
o-Xylene	<1 µg/l	TM208	<1	#			
Styrene	<1 µg/l	TM208	<1	#			
Bromofom	<1 µg/l	TM208	<1	#			
Isopropylbenzene	<1 µg/l	TM208	<1	#			
1,1,2,2-Tetrachloroethane	<1 µg/l	TM208	<1	#			
1,2,3-Trichloropropane	<1 µg/l	TM208	<1	#			
Bromobenzene	<1 µg/l	TM208	<1	#			
Propylbenzene	<1 µg/l	TM208	<1	#			
2-Chlorotoluene	<1 µg/l	TM208	<1	#			
1,3,5-Trimethylbenzene	<1 µg/l	TM208	<1	#			
4-Chlorotoluene	<1 µg/l	TM208	<1	#			
tert-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2,4-Trimethylbenzene	<1 µg/l	TM208	<1	#			
sec-Butylbenzene	<1 µg/l	TM208	<1	#			
4-iso-Propyltoluene	<1 µg/l	TM208	<1	#			
1,3-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,4-Dichlorobenzene	<1 µg/l	TM208	<1	#			
n-Butylbenzene	<1 µg/l	TM208	<1	#			
1,2-Dichlorobenzene	<1 µg/l	TM208	<1	#			
1,2-Dibromo-3-chloropropane	<1 µg/l	TM208	<1	#			
1,2,4-Trichlorobenzene	<1 µg/l	TM208	<1	#			
Hexachlorobutadiene	<1 µg/l	TM208	<1	#			
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1	#			
Naphthalene	<1 µg/l	TM208	<1	#			
1,2,3-Trichlorobenzene	<1 µg/l	TM208	<1	#			
1,3,5-Trichlorobenzene	<1 µg/l	TM208	<1	#			



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Notification of NDPs (No determination possible)

Date Received : 02/08/2022 09:09:44

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
26670456	MIN-05		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670457	MIN-04		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670458	MIN-03		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670459	MIN-02c		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670460	MIN-02b		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670461	MIN-02a		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670462	MIN-01		Chlorophyll-a Cold	NDP By Subcontractor - See Attached
26670458	MIN-03		Clostridium Perfringens*	NDP By Subcontractor - See Attached



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Table of Results - Appendix

Method No	Reference	Description
SUB		Subcontracted Test
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM104	Method 4500F, AWWA/APHA, 20th Ed., 1999	Determination of Fluoride using the Kone Analyser
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM195	Colour and Turbidity of water. Methods for the Examination of Waters and Associated Materials. HMSO, 1981, ISBN 0 11 751955 3.	Determination of Turbidity in Waters & Associated Matrices
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM261	Colour and Turbidity of Waters, Methods for the Examination of Waters and Associated Materials, HMSO, 1981, ISBN 0 11 7519553.	Determination of True and Apparent Colour by Spectrophotometry
TM343	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of Selected Pesticides (Suite I) in Liquids by GCMS
TM344	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite II) by GCMS
TM345	EPA 8270D - Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of selected pesticides (Suite III) by GCMS
TM413		
TM416		Determination of Metaldehyde in Waters by GC-MS

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM).



CERTIFICATE OF ANALYSIS

Validated

SDG: 220802-31
Client Ref.: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Test Completion Dates

Lab Sample No(s)
Customer Sample Ref.
AGS Ref.
Depth
Type

	26670462	26670458	26670457	26670456	26670461	26670460	26670459
	MIN-01	MIN-03	MIN-04	MIN-05	MIN-02a	MIN-02b	MIN-02c
	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Treated Sewag	Surface Water
Acid Herbicides by LCMS*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Acrylamide by LCMS (W)*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Alkalinity as CaCO3	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Ammoniacal Nitrogen	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Anions by ion Chromatography	12-Aug-2022	12-Aug-2022	12-Aug-2022	12-Aug-2022	12-Aug-2022	12-Aug-2022	12-Aug-2022
Anions by Kone (w)	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Artificial radionuclide by HR gamma	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Bromate by IC*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Chlorine* (W)	18-Aug-2022	18-Aug-2022	18-Aug-2022	18-Aug-2022	18-Aug-2022	18-Aug-2022	18-Aug-2022
Clostridium Perfringens*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Colour Test	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022
Cryptosporidium & Giardia*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Cyanide Comp/Free/Total/Thiocyanate	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022
Cyanobacteria (Blue Green algae)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Dissolved Metals by ICP-MS	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Dissolved Organic/Inorganic Carbon	07-Aug-2022	07-Aug-2022	07-Aug-2022	07-Aug-2022	07-Aug-2022	07-Aug-2022	07-Aug-2022
Epichlorohydrin*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Escherichia Coli*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Faecal Streptococci (W)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Fluoride	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022
Glyphosate and AMPA	31-Aug-2022	31-Aug-2022	31-Aug-2022	31-Aug-2022	31-Aug-2022	31-Aug-2022	31-Aug-2022
Gross Alpha Activity*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Gross beta activity	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Mercury Dissolved	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Metaldehyde	30-Aug-2022	30-Aug-2022	30-Aug-2022	30-Aug-2022	30-Aug-2022	30-Aug-2022	30-Aug-2022
Natural radionuclide by HR gamma	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Nitrite by Kone (w)	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022
PAH Spec MS - Aqueous (W)	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Pesticides (Suite I) by GCMS	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022	09-Aug-2022
Pesticides (Suite II) by GCMS	10-Aug-2022	10-Aug-2022	10-Aug-2022	10-Aug-2022	10-Aug-2022	10-Aug-2022	10-Aug-2022
Pesticides (Suite III) by GCMS	11-Aug-2022	11-Aug-2022	11-Aug-2022	11-Aug-2022	11-Aug-2022	11-Aug-2022	11-Aug-2022
Pesticides by GCMS (W-PESLMS02LL)*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Pesticides by GCMS (W-PESLMS07)*	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
pH Value	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Phosphate by Kone (w)	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022
Total Coliforms(W)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
Total Metals by ICP-MS	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022	08-Aug-2022
Total Organic and Inorganic Carbon	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022
Tritium by Scintillation	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022	01-Sep-2022
Turbidity in waters	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022	06-Aug-2022
TVC 22C 3 day (W)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
TVC 37C 1 day (W)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
TVC 37C 2 day (W)*	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022	07-Sep-2022
VOC MS (W)	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022	05-Aug-2022

Individuals' names and signatures redacted

Certificate of Analysis

Report No.: 22-21957-1

Issue No.: 1

Date of Issue 18/08/2022

Customer Details: ALS Life Sciences Limited, Unit7-8, Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US

Customer Contact:

Customer Order No.: 38634

Customer Reference: 220802-31

Quotation Reference: 220621/02

Description: 7 water samples

Date Received: 08/08/2022

Date Started: 11/08/2022

Date Completed: 15/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By:

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-21957-1

Customer Reference: 220802-31

Customer Order No: 38634

Customer Sample No	26690333	26690413	26690183	26689958	26690334	26689925	26689956
Customer Sample ID	MIN-01	MIN-02a	MIN-02b	MIN-02c	MIN-03	MIN-04	MIN-05
RPS Sample No	498768	498769	498770	498771	498772	498773	498774
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL							
chlormequat	999-81-5	N	in house	ug/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Deviating Samples

Report No.: 22-21957-1

Customer Reference: 220802-31

Customer Order No.: 38634

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).
 RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.
 Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.
 Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.
 Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498768	26690333		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498769	26690413		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498770	26690183		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498771	26689958		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498772	26690334		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498773	26689925		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage
498774	26689956		01/08/2022	500ml green glass bottle	Yes	Temperature of samples exceeded in transit/storage

Report No.: 22-21957-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



Individuals' names and signatures redacted

CERTIFICATE OF ANALYSIS

Work Order	: PR2279558	Issue Date	: 01-Sep-2022
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ALS Hawarden Reporting	Contact	: Client Service
Address	: Unit 7-8 Hawarden Business Park Manor Road, Hawarden CH5 3US Deeside United Kingdom	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: euhdnsbconresults@ALSGlobal.com	E-mail	: lubomir.pokorny@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: 220802-31	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 11-Aug-2022
		Quote number	: PR2018ALSAL-GB0004 (CZ-256-18-0022)
Site	: ----	Date of test	: 11-Aug-2022 - 01-Sep-2022
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2279558/043 - 049, method W-PESLMS04 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2279558/036-042, method W-PESLMS02 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2279558/001-007, method W-ACRLMS01 - LOR for particular sample(s) raised due to matrix interference.

method W-GAA-SCI, samples -025, -027: The sample(s) was turbid (coloured), efficiency of gross alpha activity measurement was low, therefore reported limit of detection was higher.

Method W-RAD-NAT-ARTE - PR2279558-057-070: The reference date for activity concentrations of radionuclides is 5.8.2022.

Method W-RAD-ARTE - PR2279558-057,059: LOR of I-131 increased due to the time difference between sampling and measurement.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

[Redacted signature]

[Redacted signature]

Position

Country Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EFFLUENT				Client sample ID		26690177 MIN-02b		26690244 MIN-02b		26690196 MIN-02b	
				Laboratory sample ID		PR2279558003		PR2279558010		PR2279558017	
				Client sampling date / time		05-Aug-2022 11:11		05-Aug-2022 11:17		05-Aug-2022 11:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	----	---	<5.0	---	----	---	----	---
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	----	---	----	---	<0.50	---	----	---
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.200	---	----	---	----	---	----	---

Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690566 MIN-02b		26690176 MIN-02b	
				Laboratory sample ID		PR2279558024		PR2279558031		PR2279558038	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:47		05-Aug-2022 11:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	----	---	----	---	----	---
Gross beta activity	W-GBA-PRO	0.10	Bq/L	----	---	0.44	± 16.8%	----	---	----	---
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetamiprid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Acetochlor	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Aclonifen	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Alachlor	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Aldicarb	W-PESLMS02	0.050	µg/L	----	---	----	---	<0.050	---	----	---
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Ametryn	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Amidosulfuron	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Atraton	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azinphos-methyl	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Azoxystrobin	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BAM	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
BDMC	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Benalaxyl	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Bendiocarb	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bentazone methyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Bifenox	W-PESLMS02	0.040	µg/L	----	---	----	---	<0.040	---	----	---
Bitertanol	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Boscalid	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromacil	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	----	---	----	---	<0.030	---	----	---
Cadusafos	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---
Carbaryl	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbendazim	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbetamide	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	----	---	----	---	<0.010	---	----	---
Carboxin	W-PESLMS02	0.020	µg/L	----	---	----	---	<0.020	---	----	---



Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690566 MIN-02b		26690176 MIN-02b	
				Laboratory sample ID		PR2279558024		PR2279558031		PR2279558038	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:47		05-Aug-2022 11:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Chlorbromuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorotoluron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chloroxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Chlorpropham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	----	----	----	----	<0.0050	----		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clodinafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Clomazone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clomeprop	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Clothianidin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Coumaphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Crimidine	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Cyanazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cymoxanil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Cyprazine	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyproconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Cyprodinil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Cyromazine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Desmetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diazinon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dichlofenthion	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlormid	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dichlorvos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Dicrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diethofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenacoum	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Difenoconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflubenzuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Diflufenican	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimefuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Dimethachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethenamid	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethoate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Dimethomorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Diuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.020	----		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Epoxiconazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
EPTC	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethiofencarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Ethofumesate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Ethoprophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenamiphos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenarimol	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenhexamid	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxaprop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Fenoxycarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenpropidin	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		



Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690566 MIN-02b		26690176 MIN-02b	
				Laboratory sample ID		PR2279558024		PR2279558031		PR2279558038	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:47		05-Aug-2022 11:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fenpropimorph	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fensulfotion	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fenuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Fipronil	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.100	----		
Florasulam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Flusilazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Flutolanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Fonofos	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Foramsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Furathiocarb	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Haloxyfop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Hexaconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Hexazinone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Hexythiazox	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Imazalil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazamox	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imazethapyr	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Imidacloprid	W-PESLMS02	0.010	µg/L	----	----	----	----	0.100	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Iprodione	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Iprovalicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Isopyrazam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Lenacil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Linuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.060	----		
Malaoxon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Malathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Mandipropamid	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mecarbam	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Mesotrione	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metamitron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metazachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methamidophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methidathion	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methiocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methomyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metobromuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metoxuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Metribuzin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690566 MIN-02b		26690176 MIN-02b	
				Laboratory sample ID		PR2279558024		PR2279558031		PR2279558038	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:47		05-Aug-2022 11:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Molinate	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monocrotophos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Monolinuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Monuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Napropamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Naptalam	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Neburon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nicosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Nuarimol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Omethoate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxadixyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Oxamyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Paclobutrazol	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Penconazole	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pencycuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pendimethalin	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phorate	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Phosalone	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Phosmet	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Phosphamidon	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Picloram	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Picoxystrobin	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimicarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Pretilachlor	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prochloraz	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prodiamine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Profenofos	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Promecarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prometon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Prometryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propachlor	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propamocarb	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propanil	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propaquizafop	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Propazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propham	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propiconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxur	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Propyzamide	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prosulfocarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Prothioconazole	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Pyrimethanil	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Pyriproxifen	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Quinclorac	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Quinmerac	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Quinoxifen	W-PESLMS02	0.040	µg/L	----	----	----	----	<0.040	----		
Quizalofop	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Rimsulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		



Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690566 MIN-02b		26690176 MIN-02b	
				Laboratory sample ID		PR2279558024		PR2279558031		PR2279558038	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:47		05-Aug-2022 11:11	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Sebuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Secbumeton	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sethoxydim	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Simazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Simetryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Spiroxamine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Tebuconazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tebuthiuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Teflubenzuron	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Terbuthylazine	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-desethyl-2-hydro xy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Terbutryn	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiabendazole	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Thiamethoxam	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiobencarb	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	----	----	----	----	<0.030	----		
Triadimefon	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triadimenol	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tri-allate	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triasulfuron	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Triazophos	W-PESLMS02	0.020	µg/L	----	----	----	----	<0.020	----		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Tricyclazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		
Triforine	W-PESLMS02	0.050	µg/L	----	----	----	----	<0.050	----		
Triticonazole	W-PESLMS02	0.010	µg/L	----	----	----	----	<0.010	----		

Sub-Matrix: EFFLUENT				Client sample ID		26690174 MIN-02b		26690184 MIN-02b		26690245 MIN-02b	
				Laboratory sample ID		PR2279558045		PR2279558052		PR2279558059	
				Client sampling date / time		05-Aug-2022 11:11		05-Aug-2022 11:12		05-Aug-2022 11:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.050	----		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	----	----	----	----	<0.056	----		
Americium 241	W-RAD-ARTE	0.50	Bq/L	----	----	----	----	<0.50	----		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	----	----	----	----	----		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	----	----	----	----	----		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		
2.4-D	W-PESLMS04	0.010	µg/L	<0.030	----	----	----	----	----		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	----	----	----	----	----		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	----	----	----	----	----		



Sub-Matrix: EFFLUENT				Client sample ID		26690174 MIN-02b		26690184 MIN-02b		26690245 MIN-02b	
				Laboratory sample ID		PR2279558045		PR2279558052		PR2279558059	
				Client sampling date / time		05-Aug-2022 11:11		05-Aug-2022 11:12		05-Aug-2022 11:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Amidithion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.400	---	----	---	----	---		
Anilazine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azaconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Buprofezin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clofentezine	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	----	---	----	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Desmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	----	---	----	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.200	---	----	---	----	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	----	---	----	---		
Etoxazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famoxadone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Famphur	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluopyram	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.100	---	----	---	----	---		
Flutriafol	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Haloxypop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	----	---	0.123	± 30.0%	----	---		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Ioxynil	W-PESLMS04	0.010	µg/L	<0.010	---	----	---	----	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
MCPA	W-PESLMS04	0.010	µg/L	0.011	± 30.0%	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26690174 MIN-02b		26690184 MIN-02b		26690245 MIN-02b	
				Laboratory sample ID		PR2279558045		PR2279558052		PR2279558059	
				Client sampling date / time		05-Aug-2022 11:11		05-Aug-2022 11:12		05-Aug-2022 11:17	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	----	---	----	---		
MCPP (isomers)	W-PESLMS04	0.010	µg/L	0.040	± 30.0%	----	---	----	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Metrafenone	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Norflurazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Picloram	W-PESLMS04	0.020	µg/L	<0.240	---	----	---	----	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	----	---	----	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Pyridaben	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quinalphos	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Sedaxane	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	----	---	----	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	----	---	----	---		
Trietazine	W-PESLMS07	0.10	µg/L	----	---	<0.10	---	----	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumizole	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Triflumuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		
Zoxamide	W-PESLMS07	0.050	µg/L	----	---	<0.050	---	----	---		

Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690224 MIN-02b		----	
				Laboratory sample ID		PR2279558066		PR2279558073		----	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:16		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	----	---	<5.0	---	----	---		
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	----	---	----	---		
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	----	---	----	---		
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	----	---	----	---		



Sub-Matrix: EFFLUENT				Client sample ID		26690566 MIN-02b		26690224 MIN-02b		----	
				Laboratory sample ID		PR2279558066		PR2279558073		----	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 11:16		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters - Continued											
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	----	---	----	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690340 MIN-01		26690428 MIN-02a		26690347 MIN-02c	
				Laboratory sample ID		PR2279558001		PR2279558002		PR2279558004	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.150	---	<0.150	---	----	---		
Acrylamide	W-ACRLMS01	0.050	µg/L	----	---	----	---	<0.250	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690308 MIN-03		26689930 MIN-04		26689963 MIN-05	
				Laboratory sample ID		PR2279558005		PR2279558006		PR2279558007	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Other											
Acrylamide	W-ACRLMS01	0.050	µg/L	<0.250	---	<0.300	---	<0.300	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690391 MIN-01		26690403 MIN-02a		26690255 MIN-02c	
				Laboratory sample ID		PR2279558008		PR2279558009		PR2279558011	
				Client sampling date / time		05-Aug-2022 11:30		05-Aug-2022 11:32		05-Aug-2022 11:18	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690241 MIN-03		26690227 MIN-04		26690396 MIN-05	
				Laboratory sample ID		PR2279558012		PR2279558013		PR2279558014	
				Client sampling date / time		05-Aug-2022 11:17		05-Aug-2022 11:16		05-Aug-2022 11:31	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Nonmetallic Inorganic Parameters											
Bromates	W-BRO3-IC	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690335 MIN-01		26690416 MIN-02a		26690337 MIN-02c	
				Laboratory sample ID		PR2279558015		PR2279558016		PR2279558018	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:33		05-Aug-2022 11:23	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690330 MIN-03		26689938 MIN-04		26690200 MIN-05	
				Laboratory sample ID		PR2279558019		PR2279558020		PR2279558021	
				Client sampling date / time		05-Aug-2022 11:22		05-Aug-2022 10:52		05-Aug-2022 11:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		



Sub-Matrix: SURFACE WATER				Client sample ID		26690330 MIN-03		26689938 MIN-04		26690200 MIN-05	
				Laboratory sample ID		PR2279558019		PR2279558020		PR2279558021	
				Client sampling date / time		05-Aug-2022 11:22		05-Aug-2022 10:52		05-Aug-2022 11:13	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds											
Epichlorohydrin	W-EPIGMS01	0.50	µg/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690552 MIN-01		26690540 MIN-02a		26690533 MIN-02c	
				Laboratory sample ID		PR2279558022		PR2279558023		PR2279558025	
				Client sampling date / time		05-Aug-2022 11:45		05-Aug-2022 11:45		05-Aug-2022 11:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.04	---	<0.06	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690570 MIN-03		26689901 MIN-04		26690596 MIN-05	
				Laboratory sample ID		PR2279558026		PR2279558027		PR2279558028	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 10:47		05-Aug-2022 11:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross alpha activity	W-GAA-SCI	0.04	Bq/L	<0.04	---	<0.06	---	<0.04	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690552 MIN-01		26690540 MIN-02a		26690533 MIN-02c	
				Laboratory sample ID		PR2279558029		PR2279558030		PR2279558032	
				Client sampling date / time		05-Aug-2022 11:45		05-Aug-2022 11:45		05-Aug-2022 11:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.30	± 18.7%	0.37	± 17.5%	0.32	± 18.3%		

Sub-Matrix: SURFACE WATER				Client sample ID		26690570 MIN-03		26689901 MIN-04		26690596 MIN-05	
				Laboratory sample ID		PR2279558033		PR2279558034		PR2279558035	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 10:47		05-Aug-2022 11:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Gross beta activity	W-GBA-PRO	0.10	Bq/L	0.36	± 17.6%	0.40	± 17.1%	0.61	± 16.0%		

Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
				Laboratory sample ID		PR2279558036		PR2279558037		PR2279558039	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
				Laboratory sample ID		PR2279558036		PR2279558037		PR2279558039	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	0.019	± 30.0%	<0.010	---	0.014	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
Laboratory sample ID				PR2279558036		PR2279558037		PR2279558039			
Client sampling date / time				05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dichlorimid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxyuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	0.041	± 30.0%	<0.030	---	<0.030	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fipronil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxifop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxifop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.030	± 30.0%	0.056	± 30.0%	0.067	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
lprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
lprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
				Laboratory sample ID		PR2279558036		PR2279558037		PR2279558039	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.060	---	<0.060	---	<0.060	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
Laboratory sample ID				PR2279558036		PR2279558037		PR2279558039			
Client sampling date / time				05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.020	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazono-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	0.011	± 30.0%	0.016	± 30.0%	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.020	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690339 MIN-01		26690427 MIN-02a		26690345 MIN-02c	
				Laboratory sample ID		PR2279558036		PR2279558037		PR2279558039	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690303 MIN-03		26689929 MIN-04		26689960 MIN-05	
				Laboratory sample ID		PR2279558040		PR2279558041		PR2279558042	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
1-(3,4-Dichlorophenyl) urea (DCPU)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-amino-N-(isopropyl)benzamide	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2-Chloro-2,6-diethylacetanilide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetamiprid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acetochlor	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Acibenzolar-S-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Aclonifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Alachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Aldicarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Aldicarb sulfone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ametryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Amidosulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Atraton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Atrazine-desisopropyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Azinphos-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azinphos-methyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Azoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
BAM	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	0.012	± 30.0%		
BDMC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Benalaxyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Bendiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bentazone methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Bifenox	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Bitertanol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Boscalid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromacil	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromophos-ethyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cadusafos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carbaryl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbendazim	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbetamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carbofuran-3-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Carboxin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Carfentrazone-ethyl	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Chlorbromuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorfenvinphos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690303 MIN-03		26689929 MIN-04		26689960 MIN-05	
				Laboratory sample ID		PR2279558040		PR2279558041		PR2279558042	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Chloridazon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chloridazon-desphenyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Chloridazon-methyl desphenyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorotoluron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorotoluron-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chloroxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Chlorpropham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Chlorpyrifos	W-PESLMS02	0.0050	µg/L	<0.0050	---	<0.0050	---	<0.0050	---		
Chlorpyrifos-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Chlorsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clodinafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Clomazone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clomeprop	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clothianidin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Coumaphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Crimidine	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Cyanazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cybutryne (Irgarol)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cymoxanil	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyprazine	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyproconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Cyprodinil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Cyromazine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diazinon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dichlofenthion	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlormid	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dichlorvos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dicrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diethofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenacoum	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Difenoxuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflubenzuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Diflufenican	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimefuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dimethachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethenamid	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethoate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Dimethomorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Diuron	W-PESLMS02	0.010	µg/L	<0.020	---	0.017	± 30.0%	<0.020	---		
Diuron desmethyl (DCPMU)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Epoxiconazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
EPTC	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethiofencarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Ethofumesate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Ethoprophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenamiphos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenarimol	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenhexamid	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxaprop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fenoxycarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropidin	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenpropimorph	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Fensulfothion	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fenuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690303 MIN-03		26689929 MIN-04		26689960 MIN-05	
				Laboratory sample ID		PR2279558040		PR2279558041		PR2279558042	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fipronil	W-PESLMS02	0.050	µg/L	<0.100	---	<0.050	---	<0.050	---		
Florasulam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-butyl (isomers)	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fluazifop-p-butyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Flusilazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Flutolanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Fonofos	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Foramsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Furathiocarb	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Haloxyfop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-methyl (isomers)	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Haloxyfop-p-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Hexaconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Hexazinone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Hexythiazox	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Imazalil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Imazamethabenz-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazamox	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imazethapyr	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Imidacloprid	W-PESLMS02	0.010	µg/L	0.062	± 30.0%	0.065	± 30.0%	0.057	± 30.0%		
Indoxacarb	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iprodione	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Iprovalicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Isoproturon-desmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isoproturon-monodesmethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Isopyrazam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Kresoxim-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Lenacil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Linuron	W-PESLMS02	0.020	µg/L	<0.060	---	<0.060	---	<0.040	---		
Malaoxon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Malathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Mandipropamid	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mecarbam	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mefenpyr-diethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesosulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Mesotrione	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metalaxyl (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metamitron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metazachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Methabenzthiazuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methamidophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methidathion	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methiocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methomyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Methoxyfenozide	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metobromuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metolachlor (isomers)	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metoxuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metribuzin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Metribuzin-desamino	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Metsulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Molinate	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Monocrotophos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690303 MIN-03		26689929 MIN-04		26689960 MIN-05	
				Laboratory sample ID		PR2279558040		PR2279558041		PR2279558042	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Monolinuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Monuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Napropamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Naptalam	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Neburon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nicosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Nuarimol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Omethoate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxadixyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Oxamyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Paclobutrazol	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Paraoxon-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Parathion-ethyl	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Penconazole	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pencycuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pendimethalin	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phorate	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Phosalone	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Phosmet	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosphamidon	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Picloram	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Picoxystrobin	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimicarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pirimiphos-ethyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pirimiphos-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Pretilachlor	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Primisulfuron-methyl	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prochloraz	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prodiamine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Profenofos	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Promecarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prometon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Prometryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propachlor	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propamocarb	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propanil	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propaquizafop	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Propazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propham	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propiconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxur	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Propoxycarbazone-sodium	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propyzamide	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prosulfocarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Prothioconazole	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyribenzoxim	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyrimethanil	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Pyriproxifen	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Quinclorac	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Quinmerac	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Quinoxifen	W-PESLMS02	0.040	µg/L	<0.040	---	<0.040	---	<0.040	---		
Quizalofop	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Rimsulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sebuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Secbumeton	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sethoxydim	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690303 MIN-03		26689929 MIN-04		26689960 MIN-05	
				Laboratory sample ID		PR2279558040		PR2279558041		PR2279558042	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Simazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simazine-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Simetryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Spiroxamine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sulfosulfuron	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Sum of Chloridazon-desphenyl&Chlorid azon-methyl-desphenyl(M4)	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebuconazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tebuthiuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Teflubenzuron	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Terbuthylazine	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-desethyl-2-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbuthylazine-hydroxy	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Terbutryn	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiabendazole	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Thiamethoxam	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thifensulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiobencarb	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Thiophanate-methyl	W-PESLMS02	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Triadimefon	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triadimenol	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tri-allate	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triasulfuron	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Triazophos	W-PESLMS02	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Tribenuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Tricyclazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Trifloxysulfuron-sodium	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triflusulfuron-methyl	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Triforine	W-PESLMS02	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triticonazole	W-PESLMS02	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690338 MIN-01		26690425 MIN-02a		26690344 MIN-02c	
				Laboratory sample ID		PR2279558043		PR2279558044		PR2279558046	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.00	---	<1.50	---	<1.50	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	0.066	± 30.0%	0.028	± 30.0%	0.028	± 30.0%		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.250	---	<0.400	---	<0.400	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.390	---	<0.300	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.150	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690338 MIN-01		26690425 MIN-02a		26690344 MIN-02c	
				Laboratory sample ID		PR2279558043		PR2279558044		PR2279558046	
				Client sampling date / time		05-Aug-2022 11:23		05-Aug-2022 11:34		05-Aug-2022 11:24	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.120	---	<0.120	---	<0.120	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.100	---		
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	0.010	± 30.0%	0.011	± 30.0%	0.011	± 30.0%		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPB (isomers)	W-PESLMS04	0.010	µg/L	0.034	± 30.0%	0.043	± 30.0%	0.043	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.240	---	<0.240	---	<0.240	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.100	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.060	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690301 MIN-03		26689928 MIN-04		26689959 MIN-05	
				Laboratory sample ID		PR2279558047		PR2279558048		PR2279558049	
				Client sampling date / time		05-Aug-2022 11:20		05-Aug-2022 10:51		05-Aug-2022 10:56	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2,3,6-Trichlorbenzoic acid	W-PESLMS04	0.100	µg/L	<1.50	---	<1.50	---	<1.20	---		
2.4.5-T	W-PESLMS04	0.010	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4.5-TP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
2.4-D	W-PESLMS04	0.010	µg/L	0.025	± 30.0%	<0.030	---	0.284	± 30.0%		
2.4-DB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
2.4-DP (isomers)	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
4-CPP	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Acifluorfen	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Aminopyralid	W-PESLMS04	0.050	µg/L	<0.400	---	<0.400	---	<0.400	---		
Benazolin	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Bentazone	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Bromoxynil	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
Clopyralid	W-PESLMS04	0.030	µg/L	<0.300	---	<0.300	---	<0.240	---		
Dicamba	W-PESLMS04	0.030	µg/L	<0.150	---	<0.150	---	<0.120	---		
Diclofop	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoseb	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
Dinoterb	W-PESLMS04	0.040	µg/L	<0.120	---	<0.120	---	<0.200	---		
DNOC	W-PESLMS04	0.030	µg/L	<0.030	---	<0.030	---	<0.030	---		
Fluroxypyr	W-PESLMS04	0.020	µg/L	<0.100	---	<0.100	---	<0.080	---		
loxylin	W-PESLMS04	0.010	µg/L	<0.010	---	<0.010	---	<0.010	---		
MCPA	W-PESLMS04	0.010	µg/L	0.036	± 30.0%	0.029	± 30.0%	0.044	± 30.0%		
MCPB	W-PESLMS04	0.020	µg/L	<0.020	---	<0.020	---	<0.020	---		
MCPB (isomers)	W-PESLMS04	0.010	µg/L	0.066	± 30.0%	0.048	± 30.0%	0.050	± 30.0%		
Picloram	W-PESLMS04	0.020	µg/L	<0.240	---	<0.240	---	<0.200	---		
Propoxycarbazone-sodium	W-PESLMS04	0.010	µg/L	<0.100	---	<0.100	---	<0.050	---		
Triclopyr	W-PESLMS04	0.030	µg/L	<0.060	---	<0.060	---	<0.030	---		
Triclosan	W-PESLMS04	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690332 MIN-01		26690451 MIN-02a		26690207 MIN-02c	
				Laboratory sample ID		PR2279558050		PR2279558051		PR2279558053	
				Client sampling date / time		05-Aug-2022 11:22		05-Aug-2022 11:35		05-Aug-2022 11:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											



Sub-Matrix: SURFACE WATER				Client sample ID		26690332 MIN-01		26690451 MIN-02a		26690207 MIN-02c	
Laboratory sample ID				PR2279558050		PR2279558051		PR2279558051		PR2279558053	
Client sampling date / time				05-Aug-2022 11:22		05-Aug-2022 11:35		05-Aug-2022 11:35		05-Aug-2022 11:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	0.066	± 30.0%	0.072	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690332 MIN-01		26690451 MIN-02a		26690207 MIN-02c	
				Laboratory sample ID		PR2279558050		PR2279558051		PR2279558053	
				Client sampling date / time		05-Aug-2022 11:22		05-Aug-2022 11:35		05-Aug-2022 11:15	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quisalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690325 MIN-03		26689943 MIN-04		26690202 MIN-05	
				Laboratory sample ID		PR2279558054		PR2279558055		PR2279558056	
				Client sampling date / time		05-Aug-2022 11:21		05-Aug-2022 10:54		05-Aug-2022 11:14	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides											
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
2-Isopropyl-6-methyl-4-pyrimidinol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
3,5,6-Trichloropyridin-2-ol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Amidithion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Anilazine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Atrazine-desethyl desisopropyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azaconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Azoxystrobin-o-demethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Buprofezin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clodinafop propargyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Clofentezine	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Cyflufenamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Desmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimetachlor CGA 369873	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethenamid OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimethylaminosulfanilide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Dimoxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Etoxazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famoxadone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Famphur	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenamiphos sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fenothiocarb	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fludioxonil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flufenacet OA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluopyram	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Fluquinconazole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Flutriafol	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		



Sub-Matrix: SURFACE WATER				Client sample ID		26690325 MIN-03		26689943 MIN-04		26690202 MIN-05	
				Laboratory sample ID		PR2279558054		PR2279558055		PR2279558056	
				Client sampling date / time		05-Aug-2022 11:21		05-Aug-2022 10:54		05-Aug-2022 11:14	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Pesticides - Continued											
Fosthiazate	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Furalaxyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Haloxyfop-2-ethoxyethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid	W-PESLMS07	0.050	µg/L	0.071	± 30.0%	0.071	± 30.0%	0.061	± 30.0%		
Imidacloprid olefin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Imidacloprid urea	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Iodosulfuron-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Isoxaflutole diketonitrile	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Methiocarb sulfoxide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor CGA 368208	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metolachlor NOA 413173	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Metrafenone	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Myclobutanil	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Norflurazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxadiazon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Oxyfluorfen	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pethoxamid ESA	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phenmedipham	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Phosmet oxon	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Propazine-2-hydroxy	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyraclostrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Pyridaben	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quinalphos	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Quizalofop-p-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Sedaxane	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tebufenpyrad	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiacloprid	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thiazafurion	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Thidiazuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tolclofos-methyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trietazine	W-PESLMS07	0.10	µg/L	<0.10	---	<0.10	---	<0.10	---		
Trifloxystrobin	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumizole	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Triflumuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Trinexapac-ethyl	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Tritosulfuron	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		
Zoxamide	W-PESLMS07	0.050	µg/L	<0.050	---	<0.050	---	<0.050	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690392 MIN-01		26690405 MIN-02a		26690256 MIN-02c	
				Laboratory sample ID		PR2279558057		PR2279558058		PR2279558060	
				Client sampling date / time		05-Aug-2022 11:30		05-Aug-2022 11:32		05-Aug-2022 11:18	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---		
Iodine 131	W-RAD-ARTE	0.050	Bq/L	<0.054	---	0.260	± 25.0%	0.100	± 95.0%		
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---		

Sub-Matrix: SURFACE WATER				Client sample ID		26690242 MIN-03		26690228 MIN-04		26689912 MIN-05	
				Laboratory sample ID		PR2279558061		PR2279558062		PR2279558063	



Sub-Matrix: SURFACE WATER				Client sample ID		26690242 MIN-03		26690228 MIN-04		26689912 MIN-05	
				Laboratory sample ID		PR2279558061		PR2279558062		PR2279558063	
				Client sampling date / time		05-Aug-2022 11:17		05-Aug-2022 11:16		05-Aug-2022 10:48	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Cesium 134	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Cesium 137	W-RAD-ARTE	0.050	Bq/L	<0.050	---	<0.050	---	<0.050	---	<0.050	---
Iodine 131	W-RAD-ARTE	0.050	Bq/L	0.380	± 20.0%	0.370	± 20.0%	0.110	± 35.0%	0.110	± 35.0%
Americium 241	W-RAD-ARTE	0.50	Bq/L	<0.50	---	<0.50	---	<0.50	---	<0.50	---

Sub-Matrix: SURFACE WATER				Client sample ID		26690552 MIN-01		26690540 MIN-02a		26690533 MIN-02c	
				Laboratory sample ID		PR2279558064		PR2279558065		PR2279558067	
				Client sampling date / time		05-Aug-2022 11:45		05-Aug-2022 11:45		05-Aug-2022 11:44	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		26690570 MIN-03		26689901 MIN-04		26690596 MIN-05	
				Laboratory sample ID		PR2279558068		PR2279558069		PR2279558070	
				Client sampling date / time		05-Aug-2022 11:47		05-Aug-2022 10:47		05-Aug-2022 11:52	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Thorium 234	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---
Thorium 230	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Radium 226	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Lead 210	W-RAD-NAT	10	Bq/L	<10	---	<10	---	<10	---	<10	---
Uranium 235	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Protactinium 231	W-RAD-NAT	1	Bq/L	<1	---	<1	---	<1	---	<1	---
Actinium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 227	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 223	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Radium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Thorium 228	W-RAD-NAT	0.20	Bq/L	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Potassium 40	W-RAD-NAT	2.0	Bq/L	<2.0	---	<2.0	---	<2.0	---	<2.0	---

Sub-Matrix: SURFACE WATER				Client sample ID		26690402 MIN-01		26690395 MIN-02a		26690220 MIN-02c	
				Laboratory sample ID		PR2279558071		PR2279558072		PR2279558074	
				Client sampling date / time		05-Aug-2022 11:32		05-Aug-2022 11:31		05-Aug-2022 11:16	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---	<5.0	---



Sub-Matrix: SURFACE WATER				Client sample ID		26690259		26690234		26690397	
				MIN-03		MIN-04		MIN-05			
				PR2279558075		PR2279558076		PR2279558077			
				05-Aug-2022 11:18		05-Aug-2022 11:17		05-Aug-2022 11:31			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Radiological Parameters											
Tritium	W-TRI-SCI5	5.0	Bq/L	<5.0	---	<5.0	---	<5.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
W-GAA-SCI	CSN 75 7611 chapter 4 Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator.
W-GBA-PRO	CZ_SOP_D06_07_361 (CSN 75 7612, CSN EN ISO 9697, SUJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water" DR-RO-5.1 (Rev. 0.0), Prague 2017). Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values.
W-RAD-ARTE	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-RAD-NAT	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
W-TRI-SCI5	CZ_SOP_D06_07_365 (CSN EN ISO 9698) Determination of tritium volume activity by liquid scintillation counting method (LSC).
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
W-ACRLMS01	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites and drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites and drug residues and other pollutants sums from measured values
W-BRO3-IC	CZ_SOP_D06_02_098 - Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values. (CSN EN ISO 15061, CSN EN ISO 10304-4)
W-EPIGMS01	CZ_SOP_D06_03_196 (Application list Agilent Technologies 5990-6433EN) Determination of epichlorhydrine by gas chromatography method with MS/MS detection.
W-PESLMS02	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.
W-PESLMS04	CZ_SOP_D06_03_182.A (DIN 38407-35) Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values.
W-PESLMS07	CZ_SOP_D06_03_183.A (US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values.i. The method has been modified within the scope of the flexible scope of accreditation set out in the Annex to the Certificate of Accreditation No. 73/2022 issued on February 14, 2022. Parameter Dimethenamid-P Metabolite M656PH051 has been added.

A "*" symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.



Individuals' names and signatures redacted

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

F.A.O Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside CH5 3US

06 September 2022

Test Report: COV/2353092/2022

Dear F.A.O Quotes

Analysis of your sample(s) submitted on 01 August 2022 is now complete and we have pleasure in enclosing the appropriate test report(s).

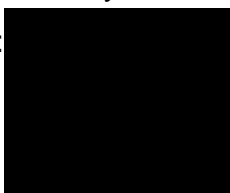
An invoice for the analysis carried out will be sent under separate cover.

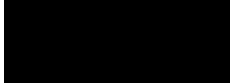
Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed: 

Name: 

Title: Microbiology Team Leader



1314



EMS675527

OHS 542058



M-CERTS
THE ENVIRONMENT AGENCY'S
MONITORING CERTIFICATION SCHEME

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No.02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

Report Summary

ANALYSED BY

**F.A.O Hawarden Quotes
ALS Life Sciences Limited
Units 7 & 8 Hawarden Business
Park
Manor Road
Hawarden
Deeside
CH5 3US**



Individuals' names and
signatures redacted

Date of Issue: **06 September 2022**

Report Number: **COV/2353092/2022**

Issue **1**

This issue replaces
all previous issues

Job Description: 2021 Analysis

Job Location: 220802-31

Number of Samples
included in this report **7**

Job Received: **01 August 2022**

Number of Test Results
included in this report **105**

Analysis Commenced: **02 August 2022**

Signed:



Name:



Date: **06 September 2022**

Title:

Microbiology Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

(c) ALS Environmental Ltd 2022. All rights reserved. We, ALS Environmental Ltd, are the owner of all copyright in this report. You must not copy, reproduce, amend or adapt this report, its contents or any format in which it is delivered without our prior written agreement. If you copy, reproduce, amend, or adapt this report in any way without our agreement you will be liable for any damage or loss to us. In the event of a dispute the copy of the report held by us shall be the reference copy.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Page 1 of 18

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888301**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **1 MIN-01**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 August 2022 15:36**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Issue **1**
Sample **1** of **7**

Sample Reference: **1**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	4.43	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	06/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.91743	Oocysts10L	10/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>70	cfu/100ml	06/09/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/08/2022	N Cov	W1
Giardia Sample	<0.91743	cysts/10l	10/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	1067	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888301:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. 3 giardia like bodies. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 06 September 2022

Title: **Microbiology Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888302**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **2 MIN-02A**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 August 2022 14:00**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Sample Reference: **2**

Issue **1**
Sample **2** of **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	4.55	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	10/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>60	cfu/100ml	06/09/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	03/08/2022	N Cov	W1
Giardia Sample	<0.92593	cysts/10l	10/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888302:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated. 1 giardia like body. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888303**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **3 MIN-02B**
Sample Matrix: **Treated Sewage**
Sample Date/Time: **01 August 2022 14:37**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Issue **1**
Sample **3** of **7**

Sample Reference: **3**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	4.57	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.93458	Oocysts10L	10/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>90	cfu/100ml	06/09/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	03/08/2022	N Cov	W1
Giardia Sample	<0.93458	cysts/10l	10/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888303:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. 1 giardia like body. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

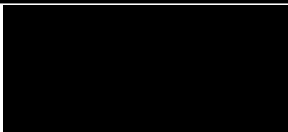
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: 06 September 2022

Title: **Microbiology Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
 Laboratory Number: **21888304**
 Sample Source: **ALS Life Sciences Limited**
 Sample Point Description:
 Sample Description: **4 MIN-02C**
 Sample Matrix: **Not Specified**
 Sample Date/Time: **01 August 2022 13:10**
 Sample Received: **01 August 2022**
 Analysis Complete: **06 September 2022**

Issue **1**
 Sample **4** of **7**

Sample Reference: **4**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	10.28	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	06/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.96154	Oocysts10L	10/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>70	cfu/100ml	06/09/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/08/2022	N Cov	W1
Giardia Sample	<0.96154	cysts/10l	10/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888304:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species and Enterococcus faecium. TVC Estimated. TVC Estimated. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
 Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed



Name: [Redacted]

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888305**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **5 MIN-03**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 August 2022 11:54**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Issue **1**
Sample **5** of **7**

Sample Reference: **5**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	20.97	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	06/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.92593	Oocysts10L	10/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	Analyst Com	cfu/100ml	06/09/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/08/2022	N Cov	W1
Giardia Sample	<0.92593	cysts/10l	10/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	582	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888305:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium. TVC Estimated. TVC Estimated. Clostridium perfringens confirmed result not available due to nature of sample.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

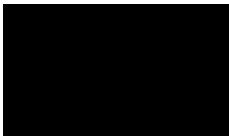
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888306**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **6 MIN-04**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 August 2022 10:51**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Issue **1**
Sample **6** of **7**

Sample Reference: **6**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	7.86	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	06/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.95238	Oocysts10L	06/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>70	cfu/100ml	31/08/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	04/08/2022	N Cov	W1
Giardia Sample	<0.95238	cysts/10l	06/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	388	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888306:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus mundtii and Enterococcus faecium. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

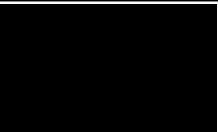
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: 

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and
signatures redacted

Certificate of Analysis

ANALYSED BY



Report Number: **COV/2353092/2022**
Laboratory Number: **21888307**
Sample Source: **ALS Life Sciences Limited**
Sample Point Description:
Sample Description: **7 MIN-05**
Sample Matrix: **Not Specified**
Sample Date/Time: **01 August 2022 09:55**
Sample Received: **01 August 2022**
Analysis Complete: **06 September 2022**

Issue **1**
Sample **7** of **7**

Sample Reference: **7**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Chlorophyll a HOT	6.25	ug/l	02/08/2022	N Cov	W45
Clostridium Perfringens, Pres	>100	cfu/100ml	03/08/2022	N Cov	W8
TVC 37C 2 day	>1000	cfu/ml	04/08/2022	N Cov	W1
TVC 22C 3 day	>1000	cfu/ml	08/08/2022	N Cov	W1
Total Coliform presumpt	>100	cfu/100ml	03/08/2022	N Cov	W10
Total Coliforms confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
E.coli presumptive	>100	cfu/100ml	03/08/2022	N Cov	W10
Escherichia coli confirmed	>100	cfu/100ml	03/08/2022	N Cov	W10
Enterococci presumptive	>100	cfu/100ml	04/08/2022	N Cov	W7
Enterococci confirmed	>100	cfu/100ml	04/08/2022	N Cov	W7
Crypto Sample 4-6um	<0.93458	Oocysts10L	06/08/2022	N Cov	CRY M1,M2,M3
Clostridium Perfringens, Conf	>60	cfu/100ml	31/08/2022	N Cov	W8
TVC 37C 1 day	>1000	cfu/ml	03/08/2022	N Cov	W1
Giardia Sample	<0.93458	cysts/10l	06/08/2022	N Cov	CRY M1,M2,M3
Algae Blue Greens	0	cells/ml	05/08/2022	N Cov	W44

Analyst Comments for 21888307:

This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species, Enterococcus hirae. TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG),

F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

Signed:



Name: [Redacted]

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and
signatures redacted



ANALYST COMMENTS FOR REPORT COV/2353092/2022

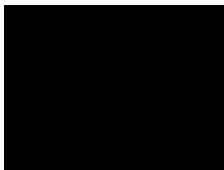
Issue 1

This issue replaces all previous issues

Date of Issue: 06 September 2022

Sample No	Analysis Comments
21888301	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. TVC Estimated. 3 giardia like bodies. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.
21888302	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium and Enterococcus species. TVC Estimated. 1 giardia like body. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.
21888303	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis. TVC Estimated. 1 giardia like body. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.
21888304	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus species and Enterococcus faecium. TVC Estimated. TVC Estimated. Confirmation process difficult to carry out for clostridium perfringens due to nature of sample, confirmed result may have been higher.
21888305	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium. TVC Estimated. TVC Estimated. Clostridium perfringens confirmed result not available due to nature of sample.
21888306	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. Enterococci identified as Enterococcus mundtii and Enterococcus faecium. TVC Estimated.
21888307	This sample has been analysed for Crypto Sample 4-6um outside recommended stability times. It is therefore possible that the results provided may be compromised. Confirmation process not been carried out for coliforms due to nature of the sample. Confirmation process not been carried out for coliforms due to nature of the sample. TVC Estimated. TVC Estimated. Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species, Enterococcus hirae. TVC Estimated.

Signed:



Name: [Redacted]

Date: **06 September 2022**

Title: **Microbiology Team Leader**

Individuals' names and signatures redacted



DETERMINAND COMMENTS FOR REPORT COV/2353092/2022

ISSUE 1

Date of Issue: 06 September 2022

This issue replaces all previous issues

Sample No	Description	Determinand	Comments
21888301	1 MIN-01	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888301	1 MIN-01	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888301	1 MIN-01	TVC 22C 3 day	TVC Estimated.
21888301	1 MIN-01	TVC 37C 2 day	TVC Estimated.
21888301	1 MIN-01	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis.
21888301	1 MIN-01	TVC 37C 1 day	TVC Estimated.
21888302	2 MIN-02A	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888302	2 MIN-02A	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888302	2 MIN-02A	TVC 22C 3 day	TVC Estimated.
21888302	2 MIN-02A	TVC 37C 2 day	TVC Estimated.
21888302	2 MIN-02A	Enterococci confirmed	Enterococci identified as Enterococcus faecium and Enterococcus species.
21888302	2 MIN-02A	TVC 37C 1 day	TVC Estimated.
21888303	3 MIN-02B	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888303	3 MIN-02B	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888303	3 MIN-02B	TVC 22C 3 day	TVC Estimated.
21888303	3 MIN-02B	TVC 37C 2 day	TVC Estimated.
21888303	3 MIN-02B	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecium and Enterococcus faecalis.
21888303	3 MIN-02B	TVC 37C 1 day	TVC Estimated.
21888304	4 MIN-02C	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888304	4 MIN-02C	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888304	4 MIN-02C	TVC 22C 3 day	TVC Estimated.
21888304	4 MIN-02C	TVC 37C 2 day	TVC Estimated.
21888304	4 MIN-02C	Enterococci confirmed	Enterococci identified as Enterococcus species and Enterococcus faecium.
21888304	4 MIN-02C	TVC 37C 1 day	TVC Estimated.
21888305	5 MIN-03	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888305	5 MIN-03	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888305	5 MIN-03	TVC 22C 3 day	TVC Estimated.
21888305	5 MIN-03	TVC 37C 2 day	TVC Estimated.
21888305	5 MIN-03	Enterococci confirmed	Enterococci identified as Enterococcus species, Enterococcus faecalis and Enterococcus faecium.
21888305	5 MIN-03	TVC 37C 1 day	TVC Estimated.
21888306	6 MIN-04	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888306	6 MIN-04	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888306	6 MIN-04	TVC 22C 3 day	TVC 37 _____ cfu/swab
21888306	6 MIN-04	TVC 37C 2 day	TVC Estimated.
21888306	6 MIN-04	Enterococci confirmed	Enterococci identified as Enterococcus mundtii and Enterococcus faecium.
21888306	6 MIN-04	TVC 37C 1 day	TVC Estimated.
21888307	7 MIN-05	Total Coliforms confirmed	Confirmation process not been carried out for coliforms due to nature of the sample.
21888307	7 MIN-05	Total Coliform presumpt	Confirmation process not been carried out for coliforms due to nature of the sample.
21888307	7 MIN-05	TVC 22C 3 day	TVC Estimated.
21888307	7 MIN-05	TVC 37C 2 day	TVC Estimated.
21888307	7 MIN-05	Enterococci confirmed	Enterococci identified as Enterococcus faecium, Enterococcus mundtii, Enterococcus species, Enterococcus hirae.
21888307	7 MIN-05	TVC 37C 1 day	TVC Estimated.

Signed: [REDACTED] Name: [REDACTED] Date: **06 September 2022**
 Title: **Microbiology Team Leader**

Page Intentionally Left Blank



CERTIFICATE OF ANALYSIS

SDG: 220802-31
Client Ref: 60663957

Report Number: 660420
Location: Minworth

Superseded Report: 660382

Appendix

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERES Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERES Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

General

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
♦	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials and soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Individuals' names and
signatures redacted



Certificate of Analysis

Report No.: 22-21845-1

Issue No.: 1

Date of Issue 16/08/2022

Customer Details: Element Materials Technology Environmental UK Ltd, Unit 3, Deeside Point, Deeside Indust. Estate Zone 3, Chester, CH5 2UA

Customer Contact: [REDACTED]

Customer Order No.: E208N22001271

Customer Reference: 22/12511

Quotation Reference: 220623/08

Description: 7 water samples

Date Received: 03/08/2022

Date Started: 08/08/2022

Date Completed: 16/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: [REDACTED]

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-21845-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-05	22/12511/MIN-04	22/12511/MIN-03	22/12511/MIN-02C	22/12511/MIN-02B
RPS Sample No	498367	498368	498369	498370	498371
Sample Type	WATER	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL					
cypermethrin	52315-07-8	N	in house	ug/L	0.00008	0.0002	< 0.0001	0.0003	0.0002	0.0003
permethrin	52645-53-1	N	322	ug/l	0.001	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
terbutryn	886-50-0	N	in house	ug/l	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

Results Summary

Report No.: 22-21845-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-02A	22/12511/MIN-01
RPS Sample No	498372	498373
Sample Type	WATER	WATER
Sampling Date	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL		
cypermethrin	52315-07-8	N	in house	ug/L	0.00008	0.0002	0.0002
permethrin	52645-53-1	N	322	ug/l	0.001	< 0.02	< 0.02
terbutryn	886-50-0	N	in house	ug/l	0.02	< 0.02	< 0.02

Deviating Samples

Report No.: 22-21845-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498367	22/12511/MIN-05		01/08/2022	500ml green glass bottle	No	
498368	22/12511/MIN-04		01/08/2022	500ml green glass bottle	No	
498369	22/12511/MIN-03		01/08/2022	500ml green glass bottle	No	
498370	22/12511/MIN-02C		01/08/2022	500ml green glass bottle	No	
498371	22/12511/MIN-02B		01/08/2022	500ml green glass bottle	No	
498372	22/12511/MIN-02A		01/08/2022	500ml green glass bottle	No	
498373	22/12511/MIN-01		01/08/2022	500ml green glass bottle	No	

Report No.: 22-21845-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-21846-1

Issue No.: 1

Date of Issue 16/08/2022

Customer Details: Element Materials Technology Environmental UK Ltd, Unit 3, Deeside Point, Deeside Indust.
Estate Zone 3, Chester, CH5 2UA

Customer Contact: 

Customer Order No.: E208N22001271

Customer Reference: 22/12511

Quotation Reference: 220729/04

Description: 7 water samples

Date Received: 03/08/2022

Date Started: 11/08/2022

Date Completed: 15/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: 

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-21846-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-05	22/12511/MIN-04	22/12511/MIN-03	22/12511/MIN-02C
RPS Sample No	498374	498375	498376	498377
Sample Type	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL				
carbon disulfide (for DTC subtraction)	75-15-0	N	in house	ug/l		< 10	< 10	< 10	< 10
mancozeb	8018-01-7	N	332	ug/l CS2	1	< 1.0	< 1.0	< 1.0	< 1.0
nonylphenols (technical mix)	25154-52-3	N	in house	ug/l	0.02	0.10	0.17	0.23	0.30

Results Summary

Report No.: 22-21846-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-02B	22/12511/MIN-02A	22/12511/MIN-01
RPS Sample No	498378	498379	498380
Sample Type	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL			
carbon disulfide (for DTC subtraction)	75-15-0	N	in house	ug/l		< 10	< 10	< 10
mancozeb	8018-01-7	N	332	ug/l CS2	1	< 1.0	< 1.0	< 1.0
nonylphenols (technical mix)	25154-52-3	N	in house	ug/l	0.02	0.61	0.30	0.05

Deviating Samples

Report No.: 22-21846-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498374	22/12511/MIN-05		01/08/2022	500ml green glass bottle	No	
498375	22/12511/MIN-04		01/08/2022	500ml green glass bottle	No	
498376	22/12511/MIN-03		01/08/2022	500ml green glass bottle	No	
498377	22/12511/MIN-02C		01/08/2022	500ml green glass bottle	No	
498378	22/12511/MIN-02B		01/08/2022	500ml green glass bottle	No	
498379	22/12511/MIN-02A		01/08/2022	500ml green glass bottle	No	
498380	22/12511/MIN-01		01/08/2022	500ml green glass bottle	No	

Report No.: 22-21846-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Individuals' names and
signatures redacted



Certificate of Analysis

Report No.: 22-21848-1

Issue No.: 1

Date of Issue 15/08/2022

Customer Details: Element Materials Technology Environmental UK Ltd, Unit 3, Deeside Point, Deeside Indust. Estate Zone 3, Chester, CH5 2UA

Customer Contact: 

Customer Order No.: E208N22001271

Customer Reference: 22/12511

Quotation Reference: 220706/06

Description: 7 water samples

Date Received: 03/08/2022

Date Started: 08/08/2022

Date Completed: 10/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: 

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-21848-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-05	22/12511/MIN-04	22/12511/MIN-03	22/12511/MIN-02C	22/12511/MIN-02B
RPS Sample No	498386	498387	498388	498389	498390
Sample Type	WATER	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL					
triclosan	3380-34-5	N	in house	ug/l	0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01

Results Summary

Report No.: 22-21848-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-02A	22/12511/MIN-01
RPS Sample No	498391	498392
Sample Type	WATER	WATER
Sampling Date	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL		
triclosan	3380-34-5	N	in house	ug/l	0.01	< 0.01	< 0.01

Deviating Samples

Report No.: 22-21848-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498386	22/12511/MIN-05		01/08/2022	500ml green glass bottle	No	
498387	22/12511/MIN-04		01/08/2022	500ml green glass bottle	No	
498388	22/12511/MIN-03		01/08/2022	500ml green glass bottle	No	
498389	22/12511/MIN-02C		01/08/2022	500ml green glass bottle	No	
498390	22/12511/MIN-02B		01/08/2022	500ml green glass bottle	No	
498391	22/12511/MIN-02A		01/08/2022	500ml green glass bottle	No	
498392	22/12511/MIN-01		01/08/2022	500ml green glass bottle	No	

Report No.: 22-21848-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-21849-1

Issue No.: 1

Date of Issue 15/08/2022

Customer Details: Element Materials Technology Environmental UK Ltd, Unit 3, Deeside Point, Deeside Indust.
Estate Zone 3, Chester, CH5 2UA

Customer Contact: 

Customer Order No.: E208N22001271

Customer Reference: 22/12511

Quotation Reference: 220330/06

Description: 7 water samples

Date Received: 03/08/2022

Date Started: 05/08/2022

Date Completed: 08/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: 

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Results Summary

Report No.: 22-21849-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-05	22/12511/MIN-04	22/12511/MIN-03	22/12511/MIN-02C
RPS Sample No	498393	498394	498395	498396
Sample Type	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL				
ethylene diamine tetraacetic acid (EDTA)	60-00-4	N	in house	mg/l	0.1	< 0.1	< 0.1	< 0.1	< 0.1

Results Summary

Report No.: 22-21849-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-02B	22/12511/MIN-02A	22/12511/MIN-01
RPS Sample No	498397	498398	498399
Sample Type	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL			
ethylene diamine tetraacetic acid (EDTA)	60-00-4	N	in house	mg/l	0.1	< 0.1	< 0.1	< 0.1

Deviating Samples

Report No.: 22-21849-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498393	22/12511/MIN-05		01/08/2022	500ml green glass bottle	No	
498394	22/12511/MIN-04		01/08/2022	500ml green glass bottle	No	
498395	22/12511/MIN-03		01/08/2022	500ml green glass bottle	No	
498396	22/12511/MIN-02C		01/08/2022	500ml green glass bottle	No	
498397	22/12511/MIN-02B		01/08/2022	500ml green glass bottle	No	
498398	22/12511/MIN-02A		01/08/2022	500ml green glass bottle	No	
498399	22/12511/MIN-01		01/08/2022	500ml green glass bottle	No	

Report No.: 22-21849-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.

Individuals' names and
signatures redacted

Certificate of Analysis

Report No.: 22-21868-1

Issue No.: 1

Date of Issue 19/08/2022

Customer Details: Element Materials Technology Environmental UK Ltd, Unit 3, Deeside Point, Deeside Indust.
Estate Zone 3, Chester, CH5 2UA

Customer Contact: [REDACTED]

Customer Order No.: E208N22001271

Customer Reference: 22/12511

Quotation Reference: 220803/02

Description: 7 water samples

Date Received: 03/08/2022

Date Started: 08/08/2022

Date Completed: 18/08/2022

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: [REDACTED]

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.

Where the laboratory is not responsible for the sampling, results apply to the sample(s) as they were received.

The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.



1663

rpsgroup.com

RPS Environmental Management Limited trading as RPS Mountainheath. Registered in England No. 01756175.

13 St Martins Way, Bedford, Bedfordshire, MK42 0LF. T +44 1462 480 400

A member of the RPS Group plc. Terms and conditions apply - copy on request

Results Summary

Report No.: 22-21868-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-05	22/12511/MIN-04	22/12511/MIN-03	22/12511/MIN-02C
RPS Sample No	498463	498464	498465	498466
Sample Type	WATER	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL				
hexabromocyclododecane (1,2,5,6,9,10-)	3194-55-6	U	CIP015	ug/l	0.00014	0.00024	0.00022	0.00033	0.00047

Results Summary

Report No.: 22-21868-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Customer Sample No	22/12511/MIN-02B	22/12511/MIN-02A	22/12511/MIN-01
RPS Sample No	498467	498468	498469
Sample Type	WATER	WATER	WATER
Sampling Date	01/08/2022	01/08/2022	01/08/2022

Determinand	CAS No	Codes	SOP	Units	RL			
hexabromocyclododecane (1,2,5,6,9,10-)	3194-55-6	U	CIP015	ug/l	0.00014	0.00070	0.00050	0.00023

Deviating Samples

Report No.: 22-21868-1

Customer Reference: 22/12511

Customer Order No: E208N22001271

Our policy on Deviating Samples has been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling. Samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
498463	22/12511/MIN-05		01/08/2022	500ml green glass bottle	No	
498464	22/12511/MIN-04		01/08/2022	500ml green glass bottle	No	
498465	22/12511/MIN-03		01/08/2022	500ml green glass bottle	No	
498466	22/12511/MIN-02C		01/08/2022	500ml green glass bottle	No	
498467	22/12511/MIN-02B		01/08/2022	500ml green glass bottle	No	
498468	22/12511/MIN-02A		01/08/2022	500ml green glass bottle	No	
498469	22/12511/MIN-01		01/08/2022	500ml green glass bottle	No	

Report No.: 22-21868-1

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
AD (in units)	Results are expressed on an air-dried basis at 30 °C
DW (in units)	Results are expressed on a dry weight basis at 105 °C

Sample Type	Sample Retention and Disposal Period
Foodstuff	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

Note: Sample retention may be subject to agreement with the customer for particular projects

Where the dry solids value of a sample is low (<50%), reporting limits are automatically raised for all determinants analysed on an as-received basis.

Soil Typing	Description
Type 1	Clay - Brown
Type 2	Clay - Grey/Black
Type 3	Sand
Type 4	Top Soil (Standard)
Type 5	Top Soil (High Peat)
Type 6	Made Ground (>50% Clay)
Type 7	Made Ground (>50% Sand)
Type 8	Made Ground (>50% Top Soil)
Type X	Other

Certificate Notes	Description
Note 1	This test report shall not be reproduced except in full, without written approval of the Laboratory.
Note 2	Unless otherwise stated, results are not corrected for analytical recoveries.
Note 3	All samples were received in good condition unless otherwise stated. Results provided by the Laboratory are based on samples submitted by clients. Once submitted, samples requiring analysis are stored at 5 ± 3°C. The Laboratory cannot be held responsible for the storage, condition or preservation of samples prior to arrival.
Note 4	Samples were taken by the customer and, unless otherwise stated, sampling locations were not supplied.
Note 5	Soil descriptions are given in order to provide a log of sample matrices submitted and are not intended as full geological descriptions.
Note 6	Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Note for results expressed on an air-dried basis: Results for soil samples are reported based on the dry weight of soil which has been air-dried in open, shallow trays at temperatures below 30 °C and subsequently ground and sieved to pass through a nominal 710 µm aperture sieve. Prior to any grinding, any material which is retained on a sieve of mesh size 4.75mm is discarded. In most cases, analysis is carried out directly on these prepared soils.

Note: Where the following information is included in this certificate, it has usually been supplied by the customer: Customer Sample ID, Sample Location, Sample Depth, Sampling Date and Sampling Time. The laboratory shall not be responsible for any information that is supplied by the customer that may affect the validity of results.