

WRMP WORKSHOP FEEDBACK

September 2016



SEVERN
TRENT

WRMP SEPTEMBER 16 WORKSHOP FEEDBACK

From the WRMP workshop held in September 2016 we collated 109 pieces of feedback from the breakout sessions and follow up comments.

These were reviewed and summarised into a number of themes including:

- Balance/trade off
- Climate Change
- New developments
- Partnership Working
- Risks
- Modelling Approaches
- Options

This feedback triggered the following specific actions from us...

YOU SAID...WE DID...

You Said...

What are the incentives for developers to encourage demand management in new houses?

We Did...

We are developing a trial of discounted infrastructure charges for developers in the Severn Trent region. The scheme, scheduled to commence in April 2017, will provide a range of infrastructure charges discounts for developers constructing homes to higher water efficiency standards and for the separation of surface water. We are proposing discounts for properties built in accordance with Part G of the building regulations with a variable discount for either <110 l/p/d or <100 l/p/d.

You Said...

Are your models climate change proofed?

We Did...

Here's a [link](#) to our climate change method statement for our WRMP

You Said...

How do we contact Severn Trent, and where can we view the information discussed, outside of these workshops?

We Did...

We have recently updated our WRMP section of our website. This will hold all the information on our WRMP process, what's been discussed so far and contact information.

YOU SAID...WE DID...

You Said...

Planning Guidance - How could the Water Industry support higher standards for new homes?

We Did...

We are supporting and actively contributing to the development of the National Water Efficiency Strategy (currently in final draft by Waterwise). This will then be used to help influence future National strategy, though Government participation and an appetite for change through DCLG and DEFRA will be required for any changes to building Regulations or Water Fittings Regulations respectively. LA's could help promote this scheme and could choose to require developers to meet the optional standard of <110 l/p/d to help mandate uptake of this scheme.

You Said...

Can you explain your demand forecasting methodology and how you handle uncertainty ?

We Did...

Here's a [link](#) to our household and commercial demand forecasting strategy

You Said...

Have you got any examples of partnership working?

We Did...

Severn Trent are keen partners in the CaBA (catchment based approach) groups in our region, more information on this can be found on our website [here](#)

YOU SAID...WE DID...

You Said...

Explain your use of scenarios in the selection process

You Said...

Explain your decision making approach - whole life cost and DMU

We Did...

We will consider a number of different scenarios based on different possible “futures”. The scenarios will include:

- Climate Change
- Population Growth
- Levels of service to customers
- Demand management options

We will combine these different factors together to create a large number of scenarios.

We Did...

For the last 2 price reviews and Water Resource Management Plans Severn Trent Water have used the “Water Infrastructure Supply Demand Model (WiSDM)” to derive a least cost TOTEX plan that achieves the supply demand balance plan as well as the maintenance needs of the Water network.

For PR19 and WRMP19 we will continue to use this model, but it will now form part of the “Decision Making Upgrade (DMU)”. This will use the updated WiSDM model, but we will run the model a large number of times considering a range of different scenarios whilst simultaneously considering uncertainty around the supply demand options chosen. We will use a frequency analysis of the results of these runs to define a “Dynamic plan”.

YOU SAID...WE DID...

You Said...

How do you consider Water Quality risk in your WRMP decisions?

We Did...

- In the early development of options for our Water Resource Management Plan (WRMP), water quality (WFD) and other environmental factors are considered in the screening process. If there is evidence that a scheme will have water quality impacts that could not be mitigated it would be screened out at this stage.
- The remaining options are developed further before being investigated using desktop methods for potential environmental concerns; including water quality, some options may be screened out based on these assessments.
- A Strategic Environmental Assessment (SEA) is undertaken on the WRMP to ensure that environment risks and other sustainability aspects have been identified and considered.
- Each scheme included in the WRMP will have attached a detailed technical environmental assessment on water quality and ecological risks conducted in feasibility phase.

You Said...

Explain how your method incorporates the social aspects and affordability

We Did...

At our WRMP workshop in April 17 we included an agenda item on PR19 and how this is linked with our WRMP