

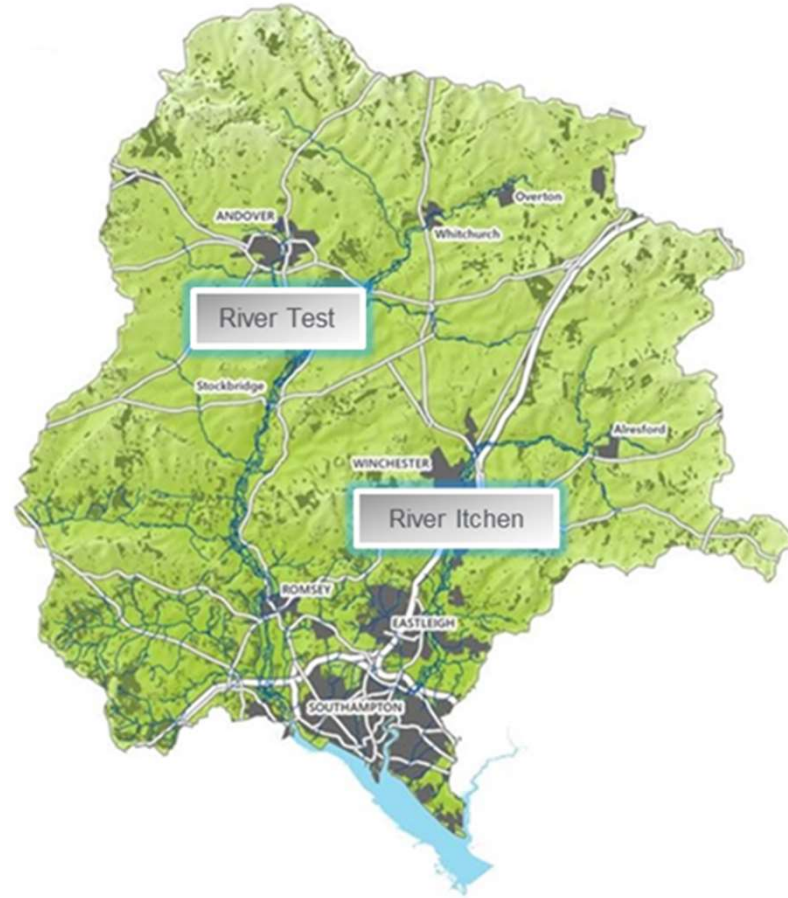
Water for Life – Hampshire

Update for Havant Thicket stakeholder meetings

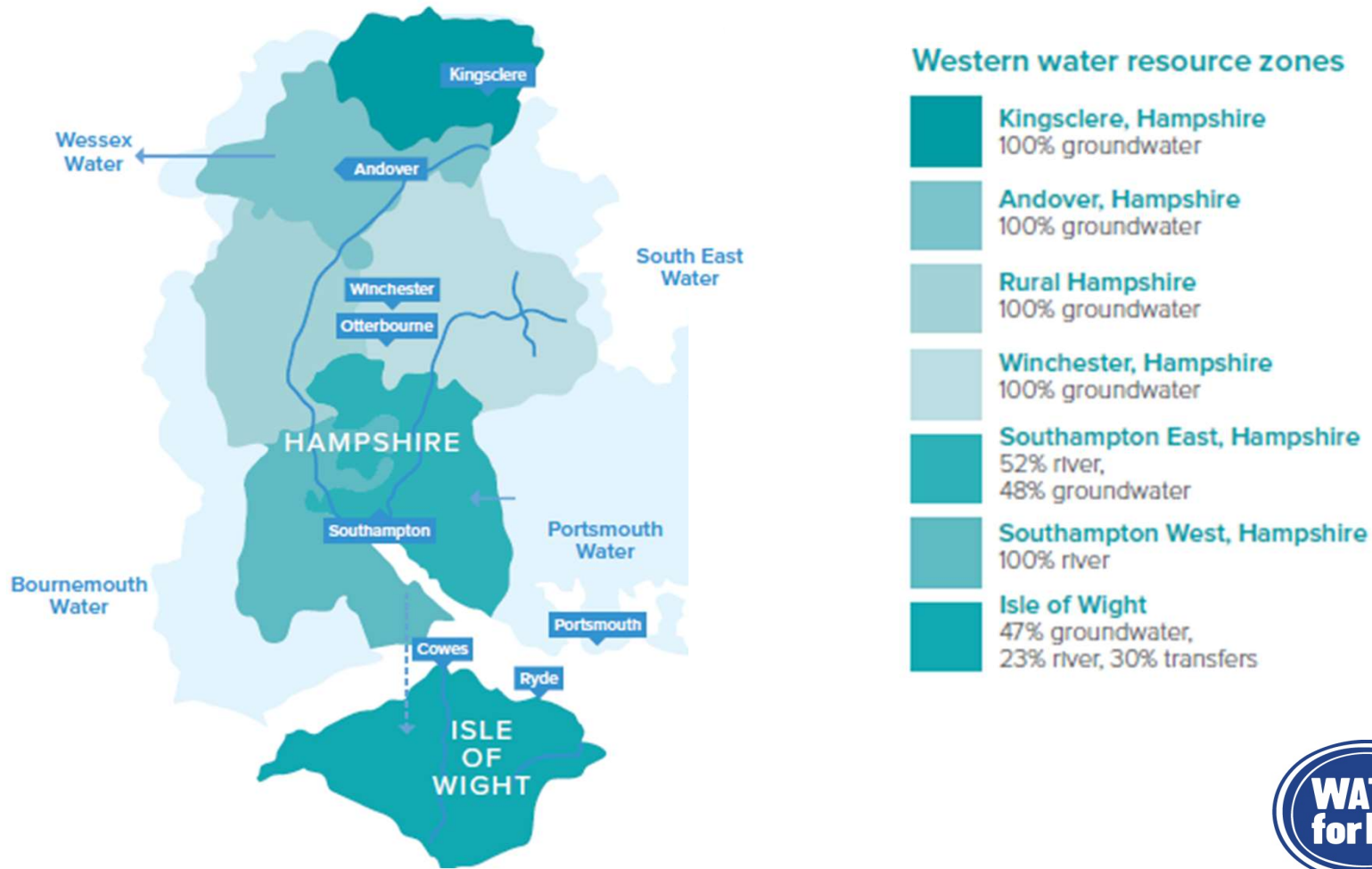


from
Southern
Water 

The River Test and the River Itchen...




...are also major water sources for Southern Water in Hampshire



The options we're exploring and new pipelines we're planning

Our plans also bring greater interconnectivity.

New bi-directional pipes  between Testwood, Otterbourne and Andover will allow water to be shared across the network.

Additional storage is also being created to improve resilience.

Key

-  Water Transfers/
Havant Thicket Reservoir
-  Water Recycling Plant
-  Testwood Water Supply Works
-  Otterbourne Water Supply Works
-  Budds Farm Wastewater Treatment Works
-  Peel Common Wastewater Treatment Works



New water main from Testwood to Otterbourne

New water main from Otterbourne to Andover

Havant Thicket to Otterbourne (Raw water/ Recycled water)

Water Recycling Plant to Havant Thicket

Water Recycling Plant to Otterbourne

Budds Farm to Water Recycling Plant

Peel Common to Water Recycling Plant

Waste release from the Water Recycling Plant by existing long sea outfall at Eastney

Water recycling engagement

- Water recycling is sustainable, reliable and safe but it is also relatively new so we expect, and are planning for, public concerns about safety.
- Customers, once informed with the facts, are supportive – our focus is on supplying those facts and reassurance alongside partners, including regulators.
- Our Customer Action Group is helping us shape our engagement on water recycling and picked the term as their preference from a range of options.
- We've run a pilot plant at Peel Common WTW in Gosport for more than two years.
- We're planning to build a new demonstration plant and visitors centre at Budds Farm WTW in Havant.
- Engagement materials including an animation have been produced and we are developing a number of films with customers, colleagues and scientists.

www.southernwater.co.uk/water-recycling



WRSE possible futures

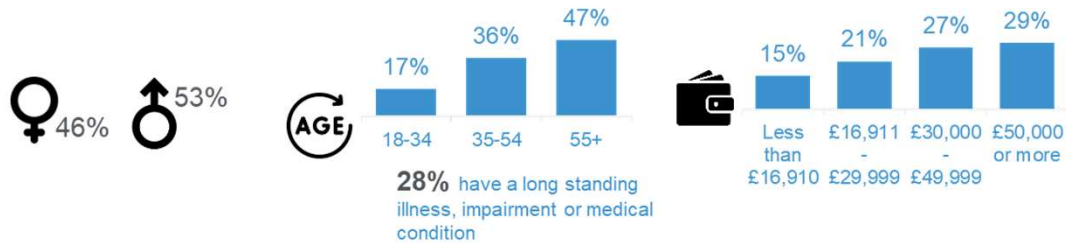
- The selected option meets the demands of a 1-in-200-year drought under WRMP19 but we are also looking further into the future.
- Engagement on water companies' WRMP24 plans is already under way. These plans have to meet an increased drought resilience (1-in-500 year) and look ahead to 2100.
- WRMP24 requires a re-examination of all available options to meet the longer-term needs.
- The WRMP24 plans for Hampshire include options that build on the proposed enhanced uses of the reservoir and which are of course dependent on permission being granted.
- These extra options might include Portsmouth Water customers receiving additional water from the reservoir too.
- Have your say on these now on WRSE consultation website.

wrse.uk.engagementhq.com



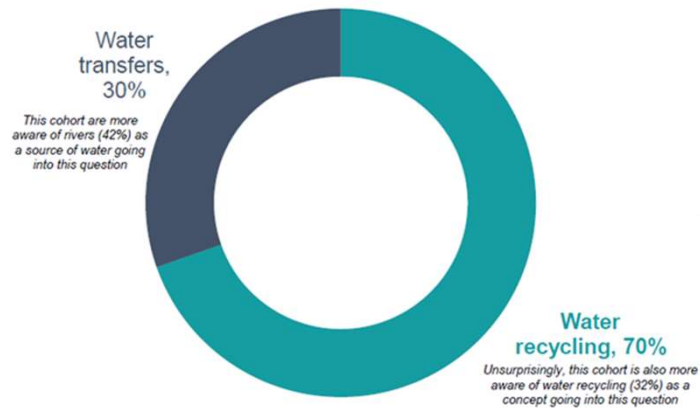
Further customer insight on water recycling

- We've undertaken additional insight including a qualitative panel of 30 Portsmouth Water customers.
- This was followed by a quantitative survey of 600 customers (203x PW and 403x SW) ahead of Gate 2.
- The results showed customers' views were consistent with those we've already gathered as part of our ongoing Water for Life – Hampshire engagement.
- Customers showed a preference for using recycled water and storing it in Havant Thicket Reservoir.

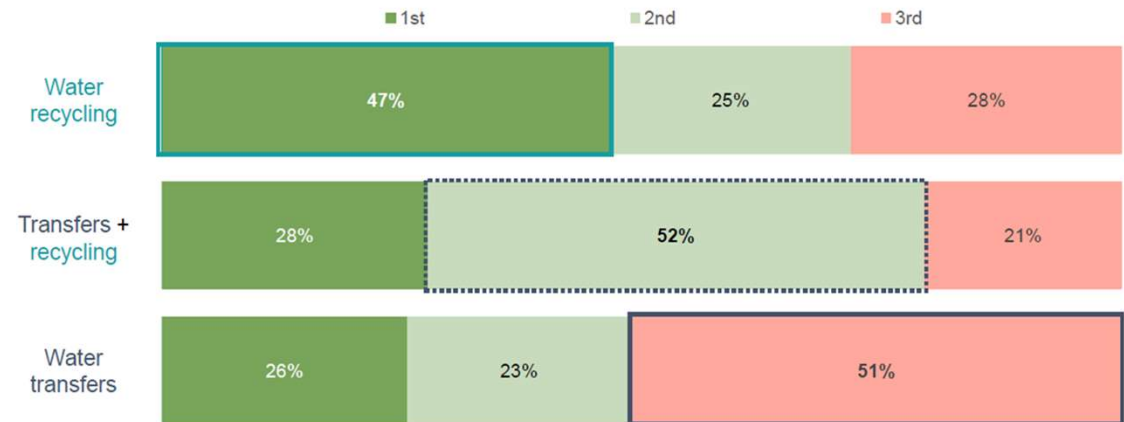


Summary of findings in latest customer insight (from total 606 sample)

Solution preference
(Total sample)



Ranked preference for programmes
(Total sample)



1

Clear evidence that both Southern Water and Portsmouth Water customers want **water recycling** to be part of the **solution** in Hampshire, and not including it is seen as missing a trick.

2

Also clear evidence that both Southern Water and Portsmouth Water customers **advocate the use of Havant Thicket transfers** to Otterbourne Water Supply Works.

3

A **blended option of water transfers and water recycling** is seen as offering stability of supply plus reassurance over lingering water recycling concerns.

4

Using a **storage lake as another environmental buffer** as well as (but not in place of) Havant Thicket has added environmental benefits and attracts strong support.

5

There is strong **sentiment of collaboration amongst customers** of both water companies – Portsmouth Water customers feel positive about donating and Southern Water customers in the impacted area (but also across the region) feel positive about receiving.

Next steps

- Our proposals for enhanced uses of Havant Thicket Reservoir are subject to further engagement, consultation and planning applications.
- We are producing further engagement materials including films and animations for our website and will let you know when they are published.
- RAPID will publish its final recommendations on May 17 2022.
- A consultation will be held in the summer with another held early next year.
- You can view our submissions to RAPID in the Technical Documents section of the Water for Life – Hampshire webpages www.southernwater.co.uk/water-for-life-hampshire
- We're planning a series of site tours of Budds Farm with you in April.



Q&A

