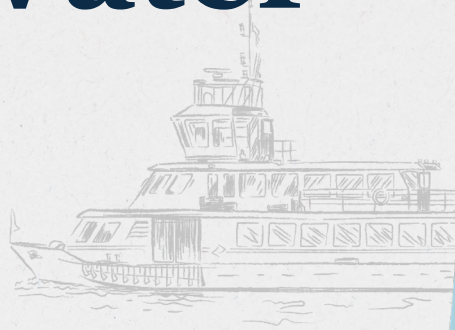


Ensuring a Future with a Sustainable and Resilient Water Supply





Why do we need a new reservoir?

Havant Thicket Reservoir



The national picture

We're looking at a shortfall of nearly 5 billion litres of water everyday across England by 2055.

- This is more than a third of the 14 billion litres of water that water companies currently supply each day.
- Climate change, population growth and drought resilience are all contributing factors.
- But by far the biggest driver is the need to **protect and improve the environment.**





“

**Across the South East,
we're facing a deficit of
more than 2.6 billion
litres per day by 2050.**

”

An aerial photograph of Havant Thicket Reservoir. The reservoir is a large body of water in the center, surrounded by green hills and forests. In the foreground, there's a paved path leading towards the water, flanked by trees. A small building or structure is visible near the water's edge. In the background, a town or city is visible across the water under a cloudy sky.

Havant Thicket Reservoir

Havant Thicket Reservoir



**The first major
new UK reservoir
in over 30 years.**



Havant Thicket Reservoir



Protecting Hampshire's chalk streams

We're building Havant Thicket Reservoir to help protect two of Hampshire's precious chalk streams.

By storing water during wetter months, the reservoir will reduce the amount taken from the **River Test** and the **River Itchen**.





Key Facts



8.7 billion litres

The amount of water the reservoir will hold.



21 million litres

The amount the reservoir will supply each day.



111 million litres

The amount this would increase to if the Hampshire Water Transfer and Water Recycling Project goes ahead.



22 metres

The height of the main embankment.



5 kilometres

The circumference of the reservoir.



1 million cubic metres

The amount of clay we've already moved on site.



All about the environment

- We're delivering an environmental net gain.
- This includes planting and improving more than **200 hectares of woodland and wood pasture**.
- We've gone above and beyond our commitments, translocating more **than 450 trees, saplings and plants** with the support of volunteers.





Involving our community

- Developed a well-established stakeholder group which now has over **70 members**.
- We regularly carry out talks and site visits with local schools, colleges, universities, community groups, environmental organisations and other water companies.
- Our project is now featured as a **GCSE Case Study**.



Building the reservoir

Havant Thicket Reservoir

Earthworks



We've made excellent progress on site and moved **double the amount of earth** than was planned in July.

Culvert



The culvert housing the reservoir's outlet pipe is **232 metres long** and is now complete.

Wetlands



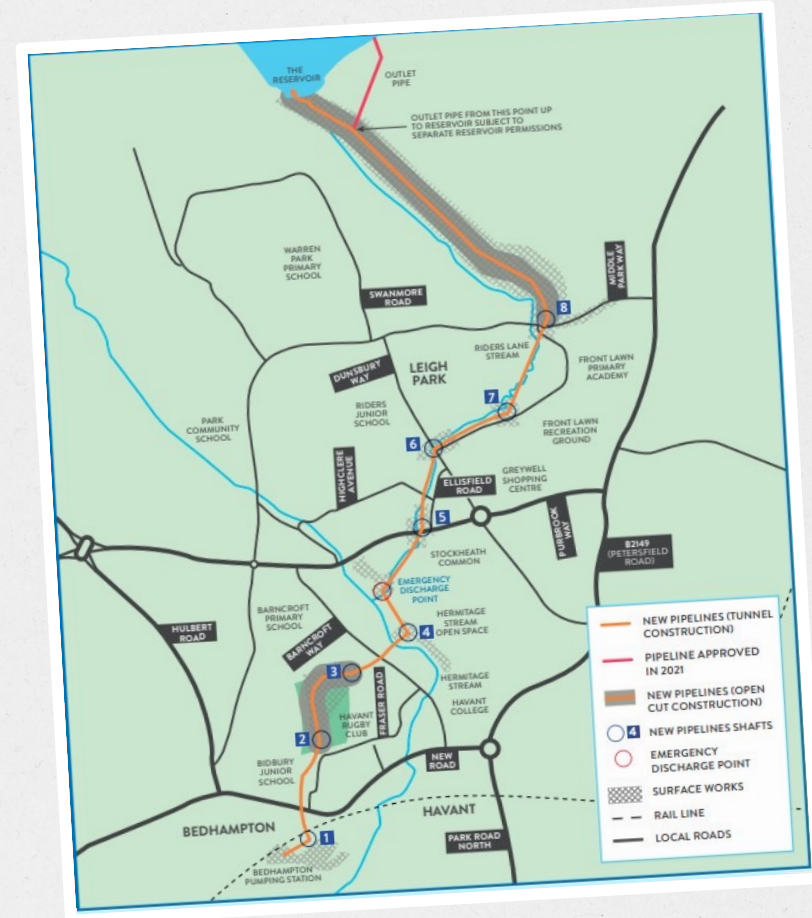
We're building a second embankment to create a **wetland habitat**, holding water even when the reservoir is drawn down.

Havant Thicket Reservoir

Filling the reservoir



- We're installing **new pipelines** from the springs in Bedhampton to Havant Thicket Reservoir, to fill the reservoir and draw water out.
- Our innovative plan to **tunnel most of the route underground** is reducing disruption for residents.
- Construction of the **first shaft** is nearly complete.
- The first Tunnel Boring Machine (TBM) will be launched **later this year**.



Thank you

