

Design Refinement 4 – Havant Thicket Reservoir

Where is the proposed change?

This design refinement relates to the interface between the Project and the Havant Thicket Reservoir. The Project proposes the use of Havant Thicket Reservoir, which is currently being constructed by Portsmouth Water, for the storage of recycled water. There are currently two options under consideration for the pipelines between the water recycling plant site and Havant Thicket Reservoir within Sections A and B. Both options would comprise two pipelines that would facilitate the transfer of purified recycled water and source water between the water recycling plant and the Havant Thicket Reservoir.

The preferred option involves us constructing a connection between the water recycling plant and Bedhampton Springs, and using the pipelines that Portsmouth Water are seeking planning permission for between Bedhampton Springs and Havant Thicket Reservoir. If this preferred option does not secure planning permission, our backup option is to construct continuous pipelines between the Water Recycling Plant site and Havant Thicket Reservoir.

Under the backup option, we would additionally need to seek consent as part of our Development Consent Order to construct the inlet pipeline that connects into Havant Thicket Reservoir.

The design we presented at the Summer 2024 Consultation at Havant Thicket Reservoir is shown in **Figure 9**. This shows the draft Limits of Deviation for the pipeline ending at the boundary of the Havant Thicket Reservoir site.

What is changing and why?

Since the Summer 2024 Consultation, we have been working closely with Portsmouth Water to identify where our pipelines would need to connect into Havant Thicket Reservoir as part of the backup option. We have now developed a connection point and route to this location from Staunton Country Park.

As a result, we have extended the draft Limits of Deviation from the boundary of the reservoir site to the discharge point within the reservoir. The draft Order Limits in this location remain the same as they already encompassed the whole reservoir site.

The proposed design refinement is shown in **Figure 10**.

How might the change affect you or the environment?

No new or different effects are anticipated compared to those set out in our Preliminary Environmental Information Report presented at the Summer 2024 Consultation, as the construction of this pipeline will take place within the Havant Thicket Reservoir site, which is currently under construction.

Figure 9 Havant Thicket Reservoir – Summer 2024 Consultation design

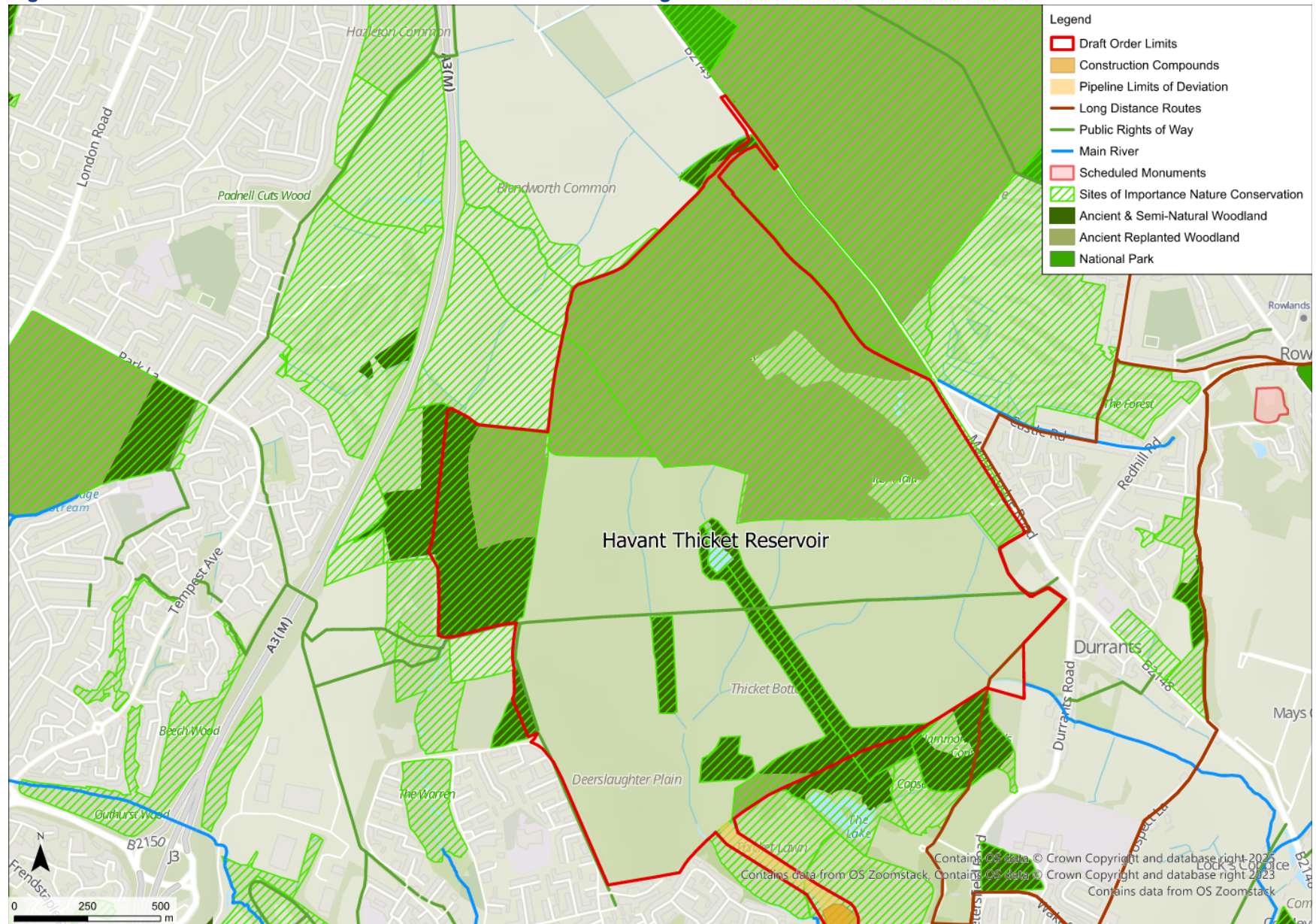


Figure 10 Havant Thicket Reservoir – Design Refinement

