

Design Refinement 20 – Break Pressure Tank K

Where is the proposed change?

Break Pressure Tank K is proposed to be located north of Durley Street and Wintershill within parkland adjacent to Winters Hill Hall, falling within Winchester City Council’s administrative area. It is situated within Section K of the pipeline between Havant Thicket Reservoir and Otterbourne Water Supply Works. Break Pressure Tank K is required to manage pressure in the pipeline after it has been pumped from Intermediate Pumping Station G and control the flow of water as it travels towards Otterbourne Water Supply Works.

The design presented at the Summer 2024 Consultation is shown in **Figure 41**.

What is changing and why?

The design refinements proposed at Break Pressure Tank K are as follows:

- During and following the Summer 2024 Consultation, engagement with local residents and Hampshire County Council identified that Scivier’s Lane would be unsuitable for construction vehicles, and therefore the proposed construction and permanent access to Break Pressure Tank K would need to be amended. An alternative temporary access road has therefore been identified from Winchester Road (B2177) to the north of Break Pressure Tank K. We have retained the Scivier’s Lane access in the draft Order Limits, as this may still be required for operational access.
- Through further engagement with landowners, we also identified an alternative permanent operational access route to Break Pressure Tank K, which would use an existing access off Winters Hill to the south east. The draft Order Limits have therefore been amended to include this access route. This would be an alternative to the previously proposed operational access from Scivier’s Lane. We are investigating whether the existing access from Winters Hill is suitable for our operational access requirements before confirming our choice of access route, however we would only use one of the proposed operational accesses identified.
- Security requirements set out by the Department for Environment, Food and Rural Affairs have also identified the need for additional fencing around the plant. To accommodate this, it is proposed that the footprint for Break Pressure Tank K is increased, and therefore the draft Limits of Deviation would also increase.
- To help integrate Break Pressure Tank K into the landscape and reduce visual impacts, environmental mitigation and enhancement areas have been added, which show where landscaping and planting is proposed. These areas also provide for enhancements to existing woodlands to mitigate tree and woodland removal during the construction phase. The pipeline route to the south of Break Pressure Tank K within Winters Hill Park has been amended slightly to avoid a veteran tree (which is protected) and its associated root protection area.

The proposed design refinement can be seen in **Figure 42**.

How might the change affect you or the environment?

Our initial assessments indicate that the increase in the footprint and draft Limits of Deviation of the break pressure tank site and additional fencing requirements would not result in any additional landscape or visual effects compared to the effects reported in our Preliminary Environmental Information Report presented at the Summer 2024 Consultation. The site would be screened by new planting and landscaping to integrate it into the existing landscape.

The new construction access from Winchester Road would result in vegetation removal, which would be more visible from Winchester Road and the South Downs National Park. The new construction access is also within a non-designated historic parkland. Whilst this is impact to the historic character of the area is considered to be minimal, further assessment will be required. We have designed this access to minimise the loss of mature vegetation but where vegetation loss is needed, this will be reinstated following the completion of construction works.

The changes in the construction access would mean that construction vehicles would no longer be routed along Scivier's Lane and instead would continue along Winchester Road. We have considered the potential impacts of increased vehicle movements along Winchester Road but do not anticipate that this will have a material impact on existing traffic conditions, however some traffic management may be temporarily required in this location.

Figure 41 Break Pressure Tank K – Summer 2024 Consultation design

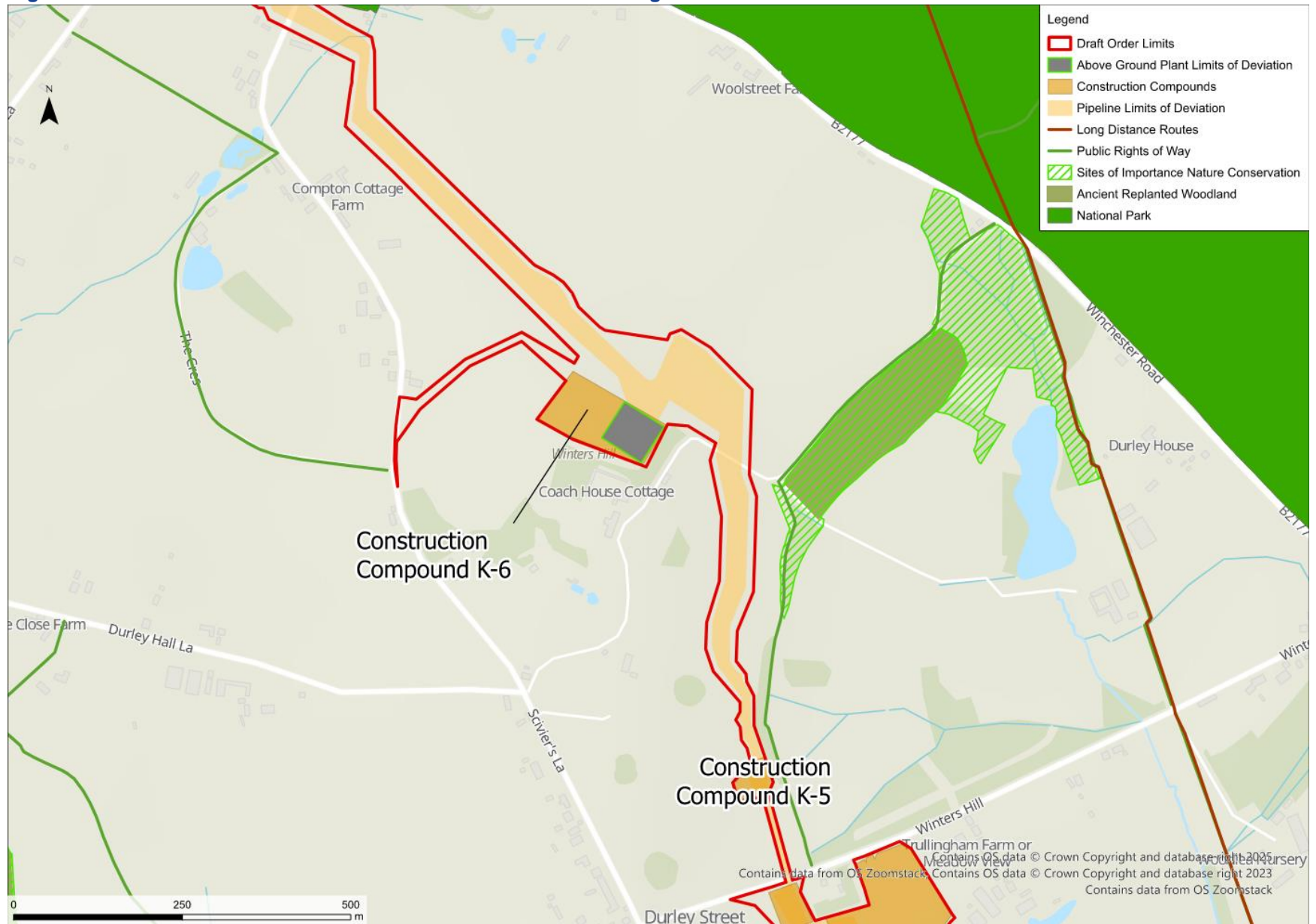


Figure 42 Break Pressure Tank K – Design Refinement

