

Design Refinement 14 – Intermediate Pumping Station G

Where is the proposed change?

Intermediate Pumping Station G is proposed to the southeast of Titchfield Lane, north of Wickham Park Golf Club which is to the west of Wickham, within Winchester City Council’s administrative area. It is situated within Section G of the pipeline between Havant Thicket Reservoir and Otterbourne Water Supply Works.

Intermediate Pumping Station G is required to pump water along the pipeline after it has descended and risen through the River Meon valley.

The design for Intermediate Pumping Station G presented at the Summer 2024 Consultation is shown in **Figure 29**.

What is changing and why?

Feedback from the Summer 2024 Consultation highlighted objections to using the existing access track from Titchfield Lane next to Park Place Farm Nursery for construction vehicles. Having now looked at this access in more detail, and having regard to that feedback, we agree that it would be unsuitable for large construction vehicles. A new temporary construction access point from Titchfield Lane has therefore been identified further to the north. This access was identified as the only suitable alternative access to Intermediate Pumping Station G from Titchfield Lane - an access from Winchester Road at the north of the field would not be suitable due to the topography and potential traffic impacts. This temporary access would only be used during the construction phase. During the operational phase, Intermediate Pumping Station G would continue to be accessed (as originally proposed) via the existing access track next to Park Place Farm Nursery. Both accesses are now shown within the draft Order Limits.

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 Intermediate Pumping Station F is increased, and therefore the draft Limits of Deviation would also increase.

Other minor design refinements proposed in the vicinity of Intermediate Pumping Station G are as follows:

- To the east and west of Winchester Road (A334) (north east of Intermediate Pumping Station G), the southern extent of the draft Order Limits has been reduced following consolidation of construction compounds G-7 and G-8, and moving them closer to the pipeline route. At the Summer 2024 Consultation we had kept the draft Order Limits wide to and the construction compounds were separate to account for ongoing access investigations. With greater certainty now about our approach to construction and access to the site, we have been able to reduce the draft Order Limits.
- The draft Order Limits at construction compound H-1 to the east of Winchester Road have been set back to provide a sufficient buffer from the woodland and trees next to Winchester Road, to ensure construction works are not adversely impacting tree roots without introducing any other major impacts.
- Since the Summer 2024 Consultation, we have continued to develop our landscaping and planting proposals to help integrate Intermediate Pumping Station G into the landscape and reduce visual impacts. An environmental mitigation and enhancement area has been included around the pumping station site to provide for landscaping and planting in this area.

The proposed design refinement can be seen in **Figure 30**.

How might the change affect you or the environment?

Our initial assessments indicate that the increase in the footprint and draft Limits of Deviation for the site and additional fencing requirements would not result in any additional landscape or visual effects compared to those 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 and reduce effects on nearby residential properties.

The change to the construction access would require additional vegetation removal within an area that is protected by a Tree Preservation Order. We will undertake further investigations and assessments to identify the most suitable alignment for the construction access that reduces the loss of mature and high value trees and vegetation.

Moving the construction access further north along Titchfield Lane would also reduce the volume of construction vehicles passing residential properties along Titchfield Lane, as the vehicles will be coming from Winchester Road at the northern end of Titchfield Lane. This could reduce traffic, air quality, noise and vibration effects upon these residential properties during construction.

Figure 29 Intermediate Pumping Station G – Summer 2024 Consultation design

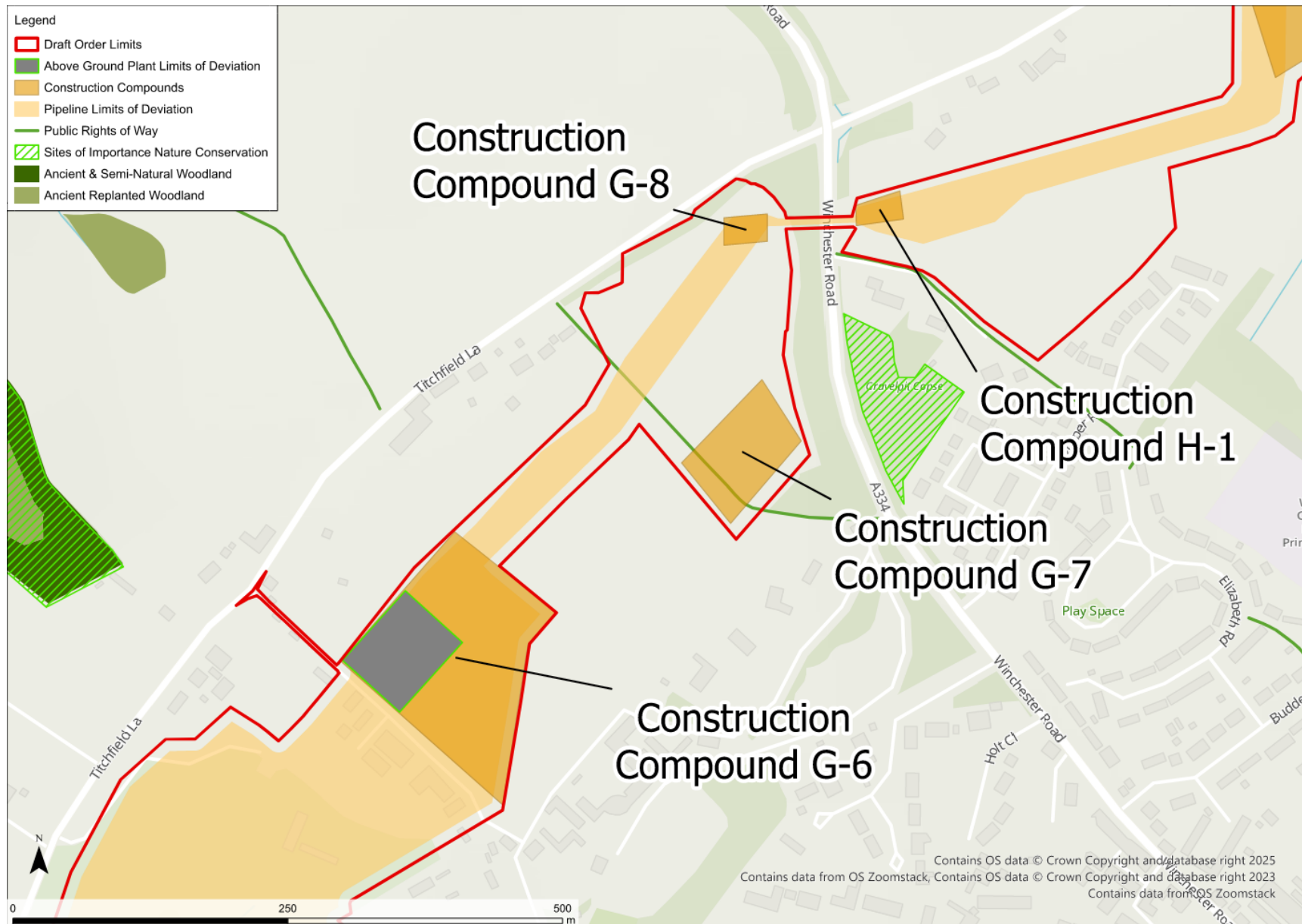


Figure 30 Intermediate Pumping Station G – Design Refinement

