

Havant Thicket Winter Storage Reservoir



4 - Construction

It is expected that the new resource will be required in 2020. The construction period will be approximately three years with a filling period of two years. The main period of construction therefore needs to start somewhere in the period from about 2015 to allow commissioning by 2020/21. The following dates are indicative.

Early Preparatory Works

- Habitat creation and species relocation, and archaeological investigation.
- Removal of existing woodland and advanced planting to mitigate loss and provide early screening for construction.

2009 onwards

Site Preparation

- Construction of access road and site compound.
- Fencing of site.
- Stripping and storing of topsoil.

2013-15

Embankment Construction

- Diversion of water courses.
- Excavation of clay to form the bowl of the reservoir and provide material for the embankments.
- Construction of embankment using clay, with inner lining for protection, and finishing of outer slopes with top soil.

Other construction activities around the site will include drainage work, footpath and access tracks and any buildings required for the scheme.

2015-18

Filling and Commissioning

- Water will be pumped from the Havant and Bedhampton springs, probably over a two year period.
- The embankment will be monitored throughout to confirm it is performing as expected.

2018-20

Construction Impacts

Portsmouth Water recognises the potential disruption and inconvenience construction may cause. Measures will be adopted to minimise and manage impacts on the community and the environment.

Portsmouth Water will regularly update the local community on the project, providing information via newsletters, the web site and descriptive notice boards on the site.

Measures will be taken to minimise impacts on the local community by:

- Ensuring that most of the materials used for construction on the embankment will be excavated from within the site.
- Agreeing routes for construction traffic that avoid passing through residential areas.
- Agreeing hours of site working with local residents.

