

Havant Thicket Winter Storage Reservoir



2 - Need & Alternatives

Water Resources Management Plan

Every five years the Company produces a water resources management plan, which sets out how supply and demand will be managed for the next 25 years. The Water Resources Management Plan of 2004 identified a deficit in the supply of water required to address the demand predicted by 2020/21.

To address the predicted deficit of water the company has adopted the so called “twin track” approach, in line with government advice:

- Examining means of reducing overall demand for water (through, for instance, efficiency measures).
- Considering additional water resources (such as a reservoir or abstraction borehole).

Solution	Approximate Implementation date
Leakage reduction	2010/11
Compulsory metering	2010/11
Farlington Washwater recovery	2012/13
Additional boreholes at Lavant & Brickkiln	2017/18
Water Efficiency Programme	2018/19
Havant Thicket Winter Storage Reservoir	2020/21

The mix of solutions identified in 2006, together with their implementation dates, is shown to the left.

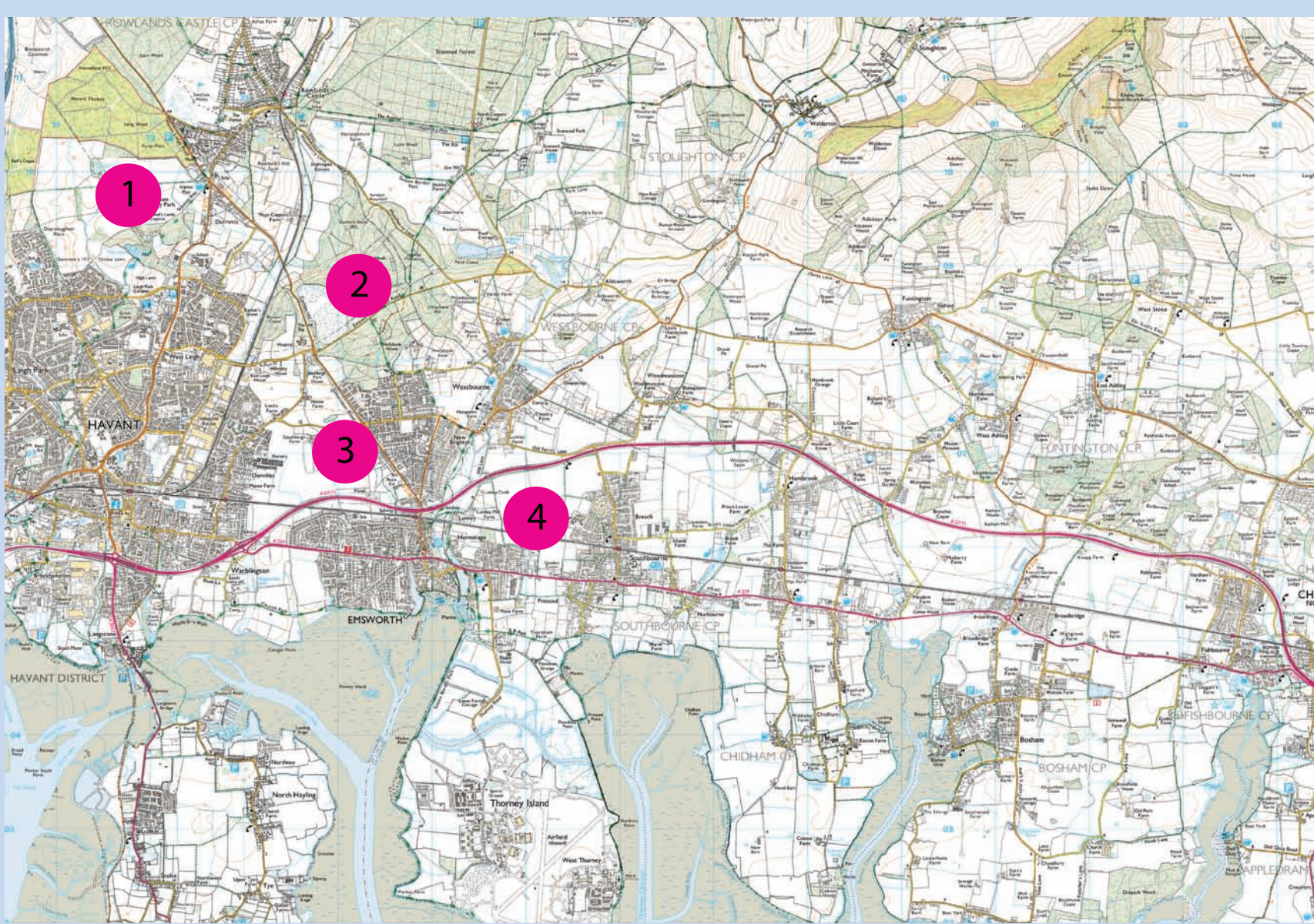
Alternative Sites for Reservoir

Of four short listed reservoir sites identified in earlier studies:

- Lumley Farm site has limited land available given its location between a railway line and the A27(T), and a much longer pipeline would be needed to connect it to the Havant and Bedhampton Springs. The Southleigh Forest site is no longer available as it is being used as a landfill site.
- Southleigh Farm would require an embankment on all sides, and pumping both to and from Havant and Bedhampton springs. A reservoir in this location would provide less recreational benefit than one at Havant Thicket.

It is therefore the Havant Thicket site that is currently proposed for development by the Company.

Havant Thicket Winter Storage Reservoir is identified in the South East Plan (The Regional Spatial Strategy), as one of the schemes that is likely to be needed over the lifetime of that Plan.



- 1 HAVANT THICKET
- 2 SOUTHLEIGH FOREST
- 3 SOUTHLEIGH FARM
- 4 LUMLEY FARM

