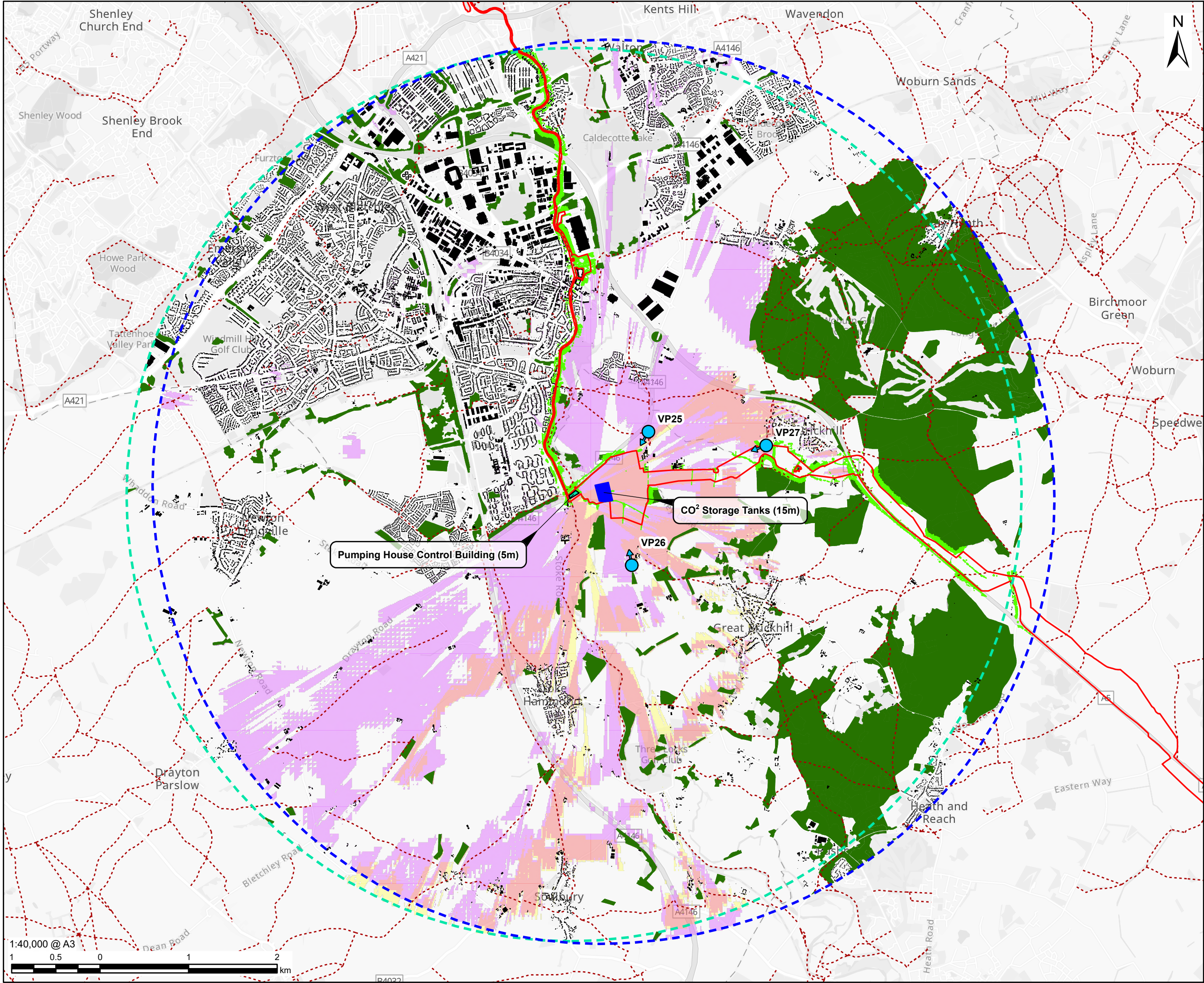




Figure 16-P4A-1: Part 4a Galley Water Treatment Works Zone of Theoretical Visibility (With Surface Features)



AECOM

PROJECT

Grand Union
Canal Transfer

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

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LEGEND

- CO₂ Storage Tanks (15m)
- CO₂ Storage Tanks - 5km Study Area
- Pumping House Control Building (5m)
- Pumping House Control Building - 5km Study Area
- Preliminary Order Limits
- Viewpoint
- Public Rights of Way
- Building
- Woodland**
 - National Forest Inventory
 - National Tree Map
- Zone of Theoretical Visibility**
 - CO₂ Storage Tanks
 - Pumping House Control Building
 - CO₂ Storage Tanks and Pumping House Control Building

NOTES

1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.
2. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
3. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2022 Ordnance Survey 100021242.
4. National Tree Map – © Bluesky International Limited
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6. Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 50 – 50m Lidar Digital Terrain Model which does not consider the screening effects of vegetation, buildings or other structures. Existing buildings have been incorporated into the DTM from OS Map Local with an assumed height of 7.5m. Woodland from the National Forest Inventory has also been incorporated into the DTM with an assumed height of 12m. The ZTV is based upon a grid of points at 10m intervals within the Footprints at a height of 15m for the CO₂ Storage Tanks and 5m for the Control Building, with an observer height of 1.6m. All heights mentioned are above ground level (AGL) unless otherwise specified.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

Part 4a Galley Water Treatment Works
Zone of Theoretical Visibility
(With Surface Features)

FIGURE NUMBER

Figure 16-P4A-1