

# NEC4 Engineering and Construction

## Contract

### Site Information

Contract Title	ENC0001200C – Gooseum Rhyne
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#### SI 100 Site location

##### SI 105 Site location

##### Location Details

The location of the site is shown in this section of the Site Information.

The project is located at: ST 439 639.

##### Heritage Designations

There are no Designated or Non-Designated Heritage assets recorded in the Site boundaries. Some setting impacts to Designated assets will occur, but these will be minor.

##### Environmental Designations

The Congresbury Yeo, adjacent land and rhyne Site of Nature Conservation Interest (SNCI) is located within the Scheme.

The Millennium Green is located directly adjacent to the Congresbury Conservation Area in which the northern boundary of the Conservation Area butts up to the south bank of the Congresbury Yeo.

The Scheme is located at the edge of National Character Area (NCA) 118 Bristol, Avon Valleys and Ridges and in a direct proximity to the National Character Area (NCA) 142 Somerset Levels and Moors.

#### SI 200 Reports and surveys

##### SI 205 Report and surveys

##### Ecological Information

Pertinent surveys from the ecological surveys undertaken to date are:

- Otter evidence (prints and spraints) and inconclusive water vole evidence (feeding station) was recorded along the River Yeo during a single survey visit but not within the rhyne.
- Two roosts supporting single common pipistrelle bats are located within buildings approximately 50 m north of the Scheme.
- Seven trees with the potential to support roosting bats are located within the Scheme or within 50 m of the Scheme.
- Habitats within the Scheme are suitable for nesting birds.
- A population of slow worms (characterised as exceptional) and a small population of grass snakes are present within and adjacent to the Scheme.

	<p>eDNA analysis concluded negative results for crayfish (native or invasive) and great crested newt in Gooseum Rhyne and the on-site pond.</p> <p><b><u>Archaeological Information</u></b>  There are setting implications to Designated Assets located close to the site boundary. There is a low to medium risk of identifying archaeology (within the based on the HER (Historic Environmental Records) data. There is also a likelihood of there being palaeoenvironmental remains based on previous GI reports and there are identified paleochannels in the area. However, the site itself is largely made ground and therefore highly disturbed.</p> <p><b><u>Geotechnical Information</u></b>  A ground investigation was completed in July 2019 and is documented in ENV0001200C-MMD-ZZ-SW-RP-GT-0110001-S3-P01-A1000-EA4-LOD3-Goosuem Rhyne Reservoir - Ground Investigation Report.  The <i>Client</i> is not aware of asbestos on site.  Asbestos material has not been noted anywhere on the Site, the risk of encountering any asbestos materials during the proposed test pile works is extremely low.</p> <p><b><u>Topographic Information</u></b>  A topographic survey of the Site was undertaken in August 2020 to inform the design process. Topo information is shown on drawing;  - CONGRESBURY MILLENNIUM GREEN. TOPOGRAPHY SURVEY. B20120_2D_SX.</p> <p><b><u>Unexploded Ordnance</u></b>  There is no UXO map of the site.</p> <p><b><u>Hydrographic and Hydrological Data</u></b>  Hydraulic modelling is available for the site and is described in the Atkins Gooseum Reservoir Hydraulic Modelling report (June 2020).</p>
<p><b>SI 300 Public Information</b></p>	
<p><b>SI 305 Public information</b></p>	<p><b><u>Land Ownership</u></b>  A land owner map of the scheme is available. The principal landowners are:</p> <ul style="list-style-type: none"> <li>• The Official Custodian for Charities Trustees for the Congresbury Millennium Green Trust.</li> <li>• Environment Agency.</li> <li>• </li> <li>• North Somerset District Council.</li> </ul> <p><b><u>Consents</u></b>  - A 'Flood Risk Activity Permit' is required for these works.</p>

	<ul style="list-style-type: none"> <li>- Planning Permission is required.</li> </ul>
<p><b>SI 400 Buried pipes, services and other objects</b></p>	
<p>SI 405 Buried pipes, services or other objects</p>	<p><b>Existing Services</b></p> <p>Underground and overhead services information has been provided for the following (the searches pre-date the January 2020 Outline Design drawings):</p> <ul style="list-style-type: none"> <li>• Gas – ESP Utilities Group Low Pressure Gas Main is within the vicinity of the red line boundary.</li> <li>• Gas – Wales &amp; West utilities is within the vicinity of the red line boundary.</li> <li>• Water – Wessex Water surface water is within the vicinity of the red line boundary.</li> <li>• Water – Bristol water foul water and service water are within the vicinity of the red line boundary.</li> <li>• Communication – Virgin media is within the vicinity of the red line boundary.</li> <li>• Communication –OpenReach is within the vicinity of the red line boundary.</li> <li>• Electricity – Western Power Distribution overhead and underground cables are within the vicinity of the red line boundary.</li> <li>• A detailed utility search including ground penetration radar has not been carried out.</li> </ul>
<p><b>SI 500 Buildings, structures and other things adjacent to the Site</b></p>	
<p>SI 505 Buildings, structures and other things adjacent to the Site</p>	<p><b><u>As-Built Drawings</u></b></p> <p>As Built Drawings:</p> <ul style="list-style-type: none"> <li>• AACEP_P01 1993</li> <li>• AACEP_P03 1993</li> <li>• AACEP_SK_03 1993</li> <li>• FD99-32-01 1999</li> <li>• FD99-32-02 1999</li> <li>• AACEP1_21_Lodmoor Outfall</li> <li>• AACEP1_22_Sea Life Intake</li> </ul> <p><b><u>Outfall and Inlet culverts</u></b></p> <p>The following existing structures are on the Site and will be improved as part of the works:</p> <ul style="list-style-type: none"> <li>• Gooseum Outfall and debris screen.</li> <li>• Rhyne Outfall and debris screen.</li> <li>• Open land outfall and debris screen.</li> <li>• Wells Park outfalls.</li> </ul> <p><b><u>Utilities Infrastructure</u></b></p> <p>Information on infrastructure locations for buried and above ground utilities (including high voltage electricity cables and pylons) has been collated and is shown on Atkins’ drawings: ENV0001200C-ATK-IR-3XX-DR-C-000001_P02</p>

ENV0001200C-ATK-IR-3XX-DR-C-000002\_P01

**Access Points**

**Access from Wells Park (ST 44068 63919).**

- This access point is only suitable for pedestrian access to site.

**Access over the pedestrian bridge (ST 43856 63925).**

- This access point is only suitable for pedestrian access to site.

**Access through Congresbury Green gate (ST 43821 63887).**

- This access point is suitable for cars or light vans, pedestrian access to site or plant & machinery.

**Access along the river embankment (ST 43978 63794).**

- This access point is only suitable for pedestrian access to site.