

NEC4 Engineering and Construction

Contract

Site Information

Contract Title	ENVRESW001353 – River Sowey and King's Sedgemoor Drain Enhancements Scheme: Phase 1a
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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.

- Location of the Proposed Scheme (ENVRESW001353-CHS-XX-400-DR-EN-1072)
- Construction footprint, temporary works and PRowS (ENVRESW001353-CH2-XX-400-DR-GEN-1126)
- Drone video survey of the channels and banks (Available upon request from [REDACTED])

Heritage Designations

The locations of the designated heritage assets and non-designated heritage assets within the site are shown in this section of the Site Information.

- Designated Historic Assets (ENVRESW001353-CH2-XX-400-DR-EN-1078.pdf)
- Non-designated Historic Assets (ENVRESW001353-CH2-XX-400-DR-EN-1079.pdf)

The site includes a scheduled monument and a registered battlefield on the banks of the King's Sedgemoor Drain, (KSD) and additional scheduled monuments within 500m of the KSD and River Sowey. Non-designated sites are distributed along both banks of the KSD and River Sowey.

Environmental Designations

The locations of the designated heritage assets and non-designated sites for nature conservation within the site are shown in this section of the Site Information.

- Statutory and Non-Statutory Designated Sites for Nature Conservation (ENVRESW001353-CH2-XX-400-DR-EN-1088.pdf)

The environmental designations within or adjacent to the site include:

- Somerset Levels & Moors Special Protection Areas (SPA)
- Somerset Levels National Nature Reserve
- Somerset Levels & Moors Ramsar
- Multiple Sites of Special Scientific Interest

	<ul style="list-style-type: none"> Multiple Local Wildlife Sites
SI 200 Reports and surveys	
SI 205 Report and surveys	<p><u>Ecological Information</u></p> <p>Numerous ecological surveys were conducted to support the development of the Preliminary Environment Information Report, Environmental Statement Habitats Regulations Assessment. Surveys are reported in the following documents:</p> <ul style="list-style-type: none"> Phase 1 Habitat survey baseline report (ENVRESW001353-CH2-ZZ-400-RP-EN-1020) Water vole survey report (ENVRESW001353-CH2-ZZ-400-RP-EN-1033) Water vole survey report - additional areas (ENVRESW001353-CH2-XX-400-TN-EN-1111) Badger survey report (ENVRESW001353-CH2-XX-400-RP-EN-1057) Preconstruction badger survey report (ENVRESW001353-CH2-XX-400-DR-EN-1107) Preconstruction badger survey report 2021 (Sowey River and KSD Badger Survey.pdf and KSD badger sett photos.pdf) Bat survey report - potential roost features (ENVRESW001353-CH2-XX-400-TN-EN-1112) Pre-construction Invasive Species Survey Report (excluding Section 5.2 which is Scope) (ENVRESW001353-CH2-XX-400-RP-EN-1117) Otter Survey Report (ENVRESW001353-CH2-XX-400-RP-EN-1016) Otter camera trap survey technical memo (ENVRESW001353-CH2-XX-400-MO-EN-1123) Arboricultural Impact Assessment (including tree protection plan and tree retention plan) (ENVRESW001353-CH2-XX-400-RP-EN-1118_Site Info and 3614-C KSD-RSowey TCP 23-07-20 Site Info.dwg) <p><u>Archaeological Information</u></p> <p>A geoarchaeological auger survey has been undertaken in support of the River Sowey and King's Sedgemoor Drain Enhancements Scheme: Phase 1. A report of the survey is enclosed within this section of the Site Information.</p> <ul style="list-style-type: none"> Sowey River / King's Sedgemoor Drain. Geoarchaeological Survey Report (ENVRESW001353-CH2-XX-400-RP-EN-1040.pdf) <p><u>Geotechnical Information</u></p> <p>A site investigation has been undertaken in support of the River Sowey and King's Sedgemoor Drain Enhancements Scheme: Phase 1. The following ground investigation documentation has been produced, as enclosed in this section of the Site Information.</p> <ul style="list-style-type: none"> Geotechnical Desk Based Assessment (ENVRESW001353-CH2-XX-400-RP-GT-1017.pdf and ENVRESW001353-CH2-XX-400-RP-GT-1018.pdf) Factual Report on Ground Investigation at Beer Wall, Langport (Beer Wall Factual Final Report REV 1.pdf) Geotechnical Interpretive Report for A372 Beer Wall

	<p>(Beerwall -GIR (Final) Rev A.pdf)</p> <ul style="list-style-type: none"> • Beer Wall Borehole log – Borehole 3 (Borehole 3.pdf) • Flood Alleviation – Beer Wall: Borehole Location Plan (SCC_BW-ATK-GEN-BH-DR-C-0001_P02.pdf) • Flood Alleviation – Beer Wall: Borehole Geological Cross-section (SCC_BW-ATK-GEN-BH-DR-C-0002_P02.pdf) • Sowy /KSD enhancement scheme Works Information Geotechnical - ground conditions summary (SLM_Sow+KSD_WorksInfo_Geotechnical_31Jan16.pdf) • Moorlinch Favourable Conditions Project: Final Factual Report on Site Investigation (20888 Factual Report.pdf) • Favourable Conditions Project - Moorlinch: Ground Investigation Report (Ground Investigation Report.pdf) <p>There is no known asbestos risk within the site boundaries.</p> <hr/> <p><u>Topographic Information</u></p> <p>Topographical data has been collected in support of the River Sowy and King's Sedgemoor Drain Enhancements Scheme: Phase 1 scheme. This is enclosed within this section of the Site Information and has been used as the basis of the scheme drawings.</p> <ul style="list-style-type: none"> • 2020 LiDAR survey of study area (PM_1964_Somerset_Levels_Recovery_LIDAR.zip) <hr/> <p><u>Unexploded Ordnance</u></p> <p>The Site has been subject to a desk based UXO (unexploded ordnance) assessment, as enclosed in this section of the Site Information. This indicates a low risk that UXO will be encountered.</p> <ul style="list-style-type: none"> • 01 - 335578-136891_05052020.pdf • 02 - 336823-135550_05052020.pdf • 03 - 338579-134556_05052020.pdf • 04 - 339641-133112_05052020.pdf • 05 - 339176-131236_05052020.pdf • 06 - 337907-129893_05052020.pdf • 07 - 338179-128139_05052020.pdf • 08 - 340075-127809_05052020.pdf <p>Historic use of the site also suggests UXO risk is low. No detailed investigation has been completed.</p> <hr/> <p><u>Hydrographic and Hydrological Data</u></p> <p>Records of water levels have been collected at several locations within the study area. These records can be used to understand the frequency of extreme water levels and assess the potential risk of extreme weather during construction.</p> <ul style="list-style-type: none"> • Dunball Sluice (KSD, ST309408, 24/04/1998 to present) • Crandon Bridge (KSD, ST3302539989, 04/10/2005 to present) • Bradney (KSD, ST3398339235, 31/12/1997 to present) • Aller Drove (Sow, ST3811430362, 21/03/2016 to present) • Monks Leaze (Sow, ST4093627610, 29/03/2007 to present)
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	<p>For structures within the works area, details of the target water levels and actions required as part of Water Level Management Plans are included in this section of the Site Information.</p> <ul style="list-style-type: none"> • Primary Asset Spreadsheet - version 3.xlsx • Secondary Asset spreadsheet Final 1.xlsx
SI 300 Public Information	
SI 305 Public information	<p><u>Land Ownership</u></p> <p>Land ownership of the site has been determined by the Environment Agency's Estates Department. This information has been collated and is presented on the files provided in this part of the Site Information.</p> <ul style="list-style-type: none"> • Land ownership details (SowyKSD - Land registry polygon search 200 m buffer - OFFICIAL SENSITIVE) • Land ownership mapping (ENVRESW001353-CH2-XX-400-DR-LP-1101.pdf) <p><u>Consents</u></p> <p>A copy of the Certificate of Lawful Development under Section 192 of the Town and Country Planning Act, 1990 (as amended) and conditions relating to the <i>works</i> is provided in this section.</p> <ul style="list-style-type: none"> • KSD Certificate of Lawful Development.pdf <p>Copies of the Environmental Impact Assessment Land Drainage Improvement Works Notification to Proceed is provided in this section.</p> <ul style="list-style-type: none"> • Environmental Statement (Sowy statement of determination v3 091020 FINAL.pdf) • Environmental Statement Addendum (20210803 - SowyKSD Statement of Determination FINAL) <p>A copy of the decision of the Scheduled Monument Consent by the Secretary of State for Digital, Culture, Media & Sport is provided in this section.</p> <ul style="list-style-type: none"> • HERef_S00240209_371948_30Oct2020.pdf •
SI 400 Buried pipes, services and other objects	
SI 405 Buried pipes, services or other objects	<p><u>Existing Services</u></p> <p>Underground and overhead services information has been reviewed for the following:</p> <ul style="list-style-type: none"> • Foul and surface water drainage • Gas mains • Water mains • Telecommunications and fibre optic cable routes • Electricity <p>These indicate that services in the vicinity of the site are Electricity (managed by Western Power Distribution) and Water (operated by Wessex Water). These are shown on the services records included within this section of the Site Information, and also shown on the drawings of the proposed works</p>

	<p>(ENVRESW001353-CH2-ZZ-4KS-DR-C-2011, ENVRESW001353-CH2-ZZ-4LS-DR-C-2012, and ENVRESW001353-CH2-ZZ-4US-DR-C-2013).</p> <p>This does not remove the Principal Contractors requirement to fully investigate all potential service clashes and carry out safe working practices in relation to overhead and underground services.</p>
SI 500 Buildings, structures and other things adjacent to the <i>site</i>	
SI 505 Buildings, structures and other things adjacent to the <i>site</i>	<p><u>As-Built Drawings</u></p> <p>Details of the Chilton Right and Cossington Right outfalls are provided in the following documents.</p> <ul style="list-style-type: none"> • Chilton right 1.jpg • Chilton right 2.jpg • Cossington right 1.jpg • Cossington right 2.jpg <p>Details of the Beer Wall structure are provided in the following documents:</p> <ul style="list-style-type: none"> • Beer Wall - As-built drawings.pdf • 2020 01 16 - 3141-LKE-DRG-000101 D01.pdf <p>Details of the Chedzoy Sluice structure are provided in this section of Site Information:</p> <ul style="list-style-type: none"> • 651407-005-B-2C502 AS BUILT.pdf • 651407-005-B-2C500 AS BUILT Location Plan Working Area and Access.pdf • 651407-005-B-2C501 AS BUILT Works Plan and Section.pdf <p>Details of the Parchey structure are provided in this section of Site Information:</p> <ul style="list-style-type: none"> • WXN201919_1 Topo Survey Plan and Spot Heights.pdf • 80_3_13 Outfall Winch.pdf • Parchey As built drawings - Merged.pdf
	<p><u>Outfall pile sonic integrity results</u></p> <p>Details of sonic integrity testing at the Chilton Right and Cossington Right outfalls is included in this section of the Site Information:</p> <ul style="list-style-type: none"> • TCSL9226-01.pdf • Pile integrity interpretation.xlsx
	<p><u>Utilities Infrastructure</u></p> <p>Infrastructure for buried and above ground utilities (including high voltage electricity cables and pylons) have been collated and are presented on the drawings provided in this part of the Site Information (SI 405).</p>
	<p><u>Fence details</u></p> <p>Details of the existing gates and fences along the left bank of the River Soway and KSD are provided in this section of Site Information:</p> <ul style="list-style-type: none"> • Soway_KSD LB Vegetation Plan_revB.pdf • Soway_KSD LB Vegetation Schedule_v2.pdf
	<p><u>Traffic flows</u></p> <p>Existing traffic flow data, available from the Department for Transport website, is available for certain sections of the road network. The closest data to the</p>

	<p>works is available at the A361 to the north of Othery (Id: 37042) and on the A372 (Id: 27031) and is included in this section of the Site Information.</p> <ul style="list-style-type: none">• Road traffic statistics - Manual count point_ 27031.pdf• Road traffic statistics - Manual count point_ 37042.pdf
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