

# Hampshire Water Transfer and Water Recycling Project Environmental Statement - Figure 8.56 Aquatic macroinvertebrate survey overview

VOLUME NUMBER: 6

PLANNING INSPECTORATE SCHEME NUMBER: WA010002

APPLICATION DOCUMENT REFERENCE: 6.3

APFP REGULATION: 5(2)(a)

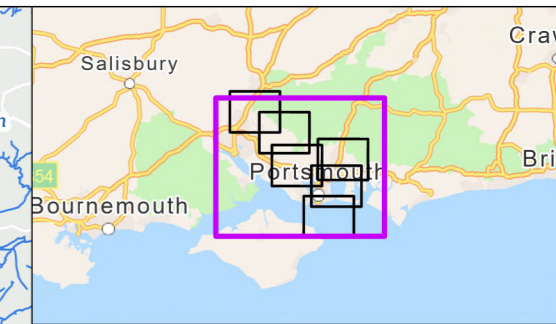
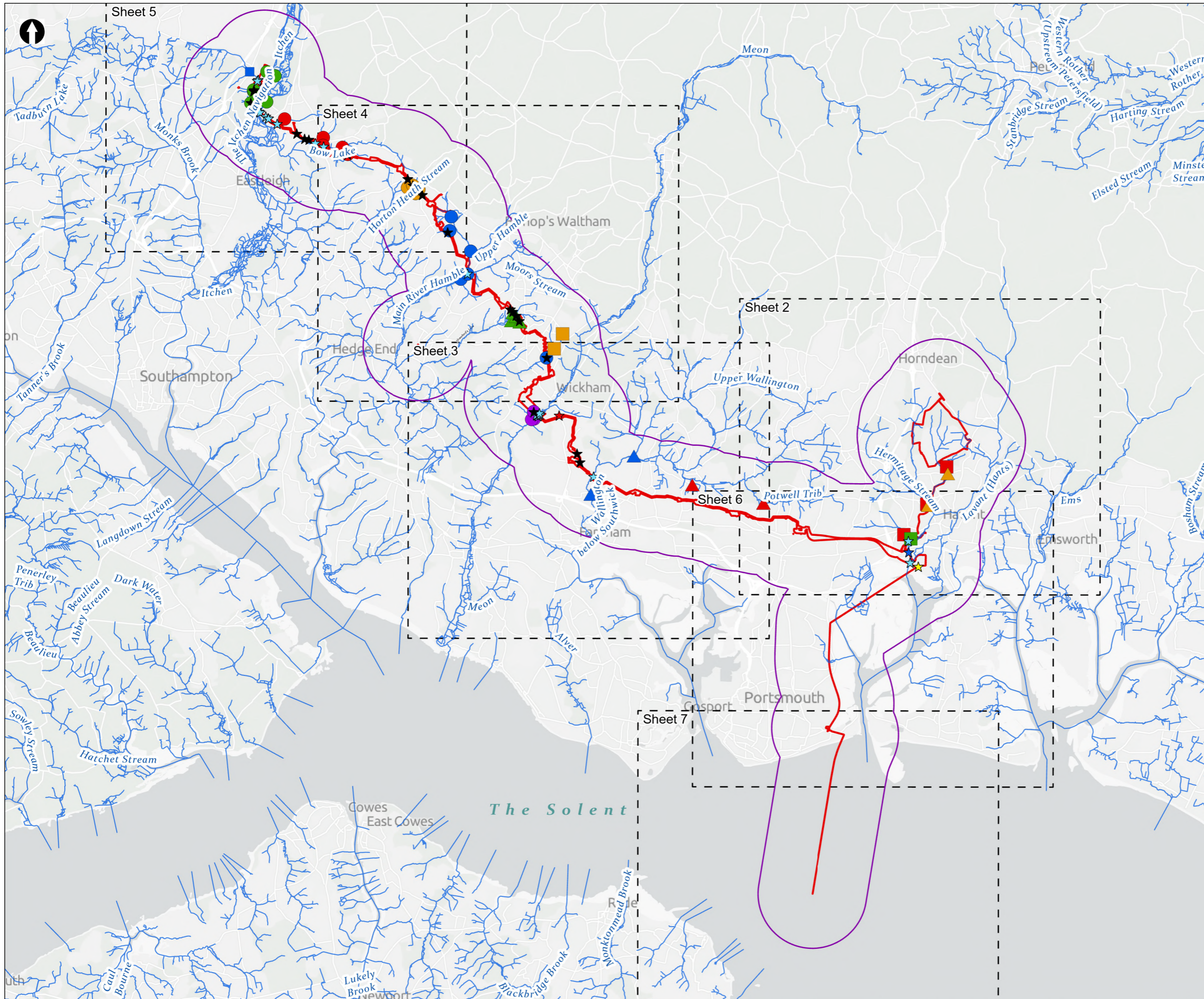
May 2026

Version 0



from  
**Southern  
Water** 





- Order Limits
  - Order Limits 2km Buffer
  - Sheet Extent Boxes 1:40K
  - Watercourse
- Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**
- Bow Lake catchment
  - Horton Stream catchment
  - River Itchen catchment
  - River Hamble catchment
  - River Meon catchment
  - Hermitage Stream catchment
  - Moors Stream catchment
  - Old Mill Dam catchment
  - Otterbourne Stream catchment
  - ▲ Potwell Trib catchment
  - ▲ Riders Lane Stream catchment
  - ▲ Shawfords Lake catchment
  - ▲ Wallington River catchment
- Watercourse Crossing**
- ★ Trenchless
  - ★ Open cut
  - ★ Construction compounds
  - ★ Construction accesses
  - ★ Other interface

Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

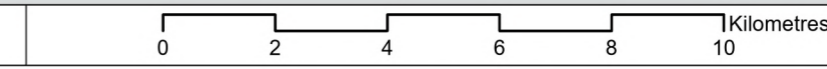
PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project

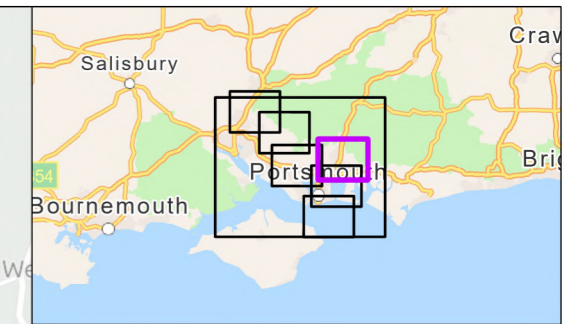
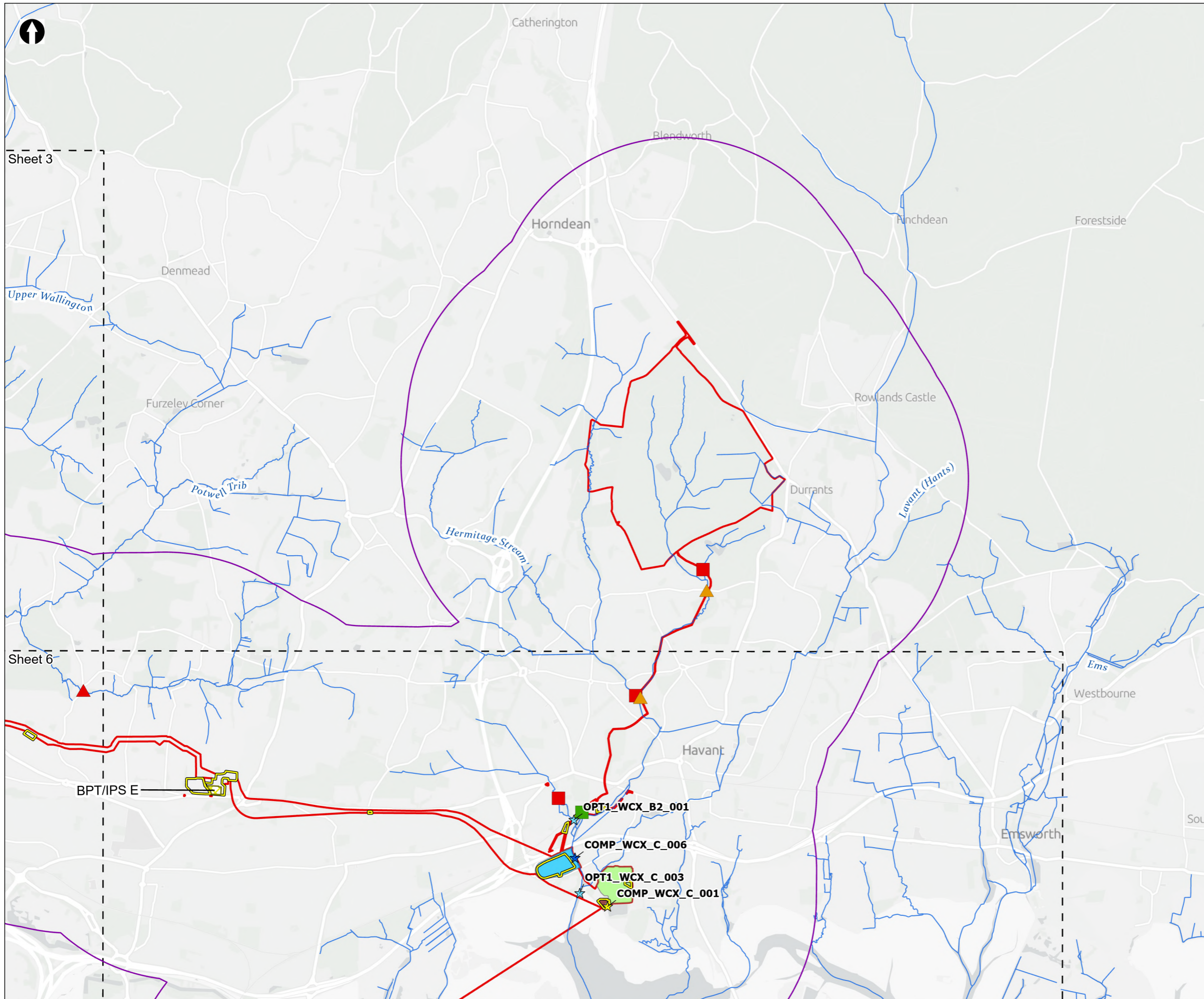


Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 1 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:135,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>

Drawing Number  
**PC5223-RHD-ES-ZZ-D-Z-0080**





- Order Limits
  - Order Limits 2km Buffer
  - Sheet Extent Boxes 1:40K
  - Construction compounds
  - Watercourse
- Proposed Development components**
- Budds Farm Wastewater Treatment Works
  - Limits of Deviation for Budds Farm Pumping Station
  - Water Recycling Plant site
- Above Ground Plant**
- Break Pressure Tank & Intermediate Pumping Station
- Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**
- Hermitage Stream catchment
  - Old Mill Dam catchment
  - Potwell Trib catchment
  - Riders Lane Stream catchment
- Watercourse Crossing**
- Trenchless
  - Construction compounds
  - Other interface

Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

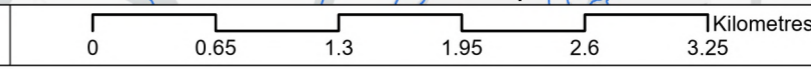
PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project



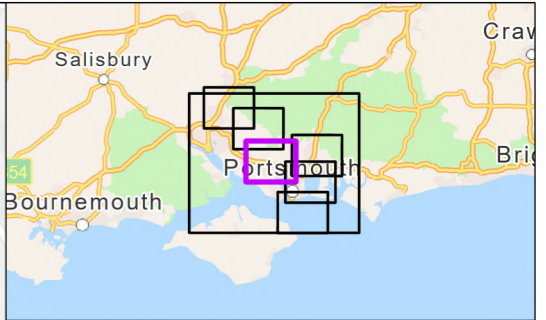
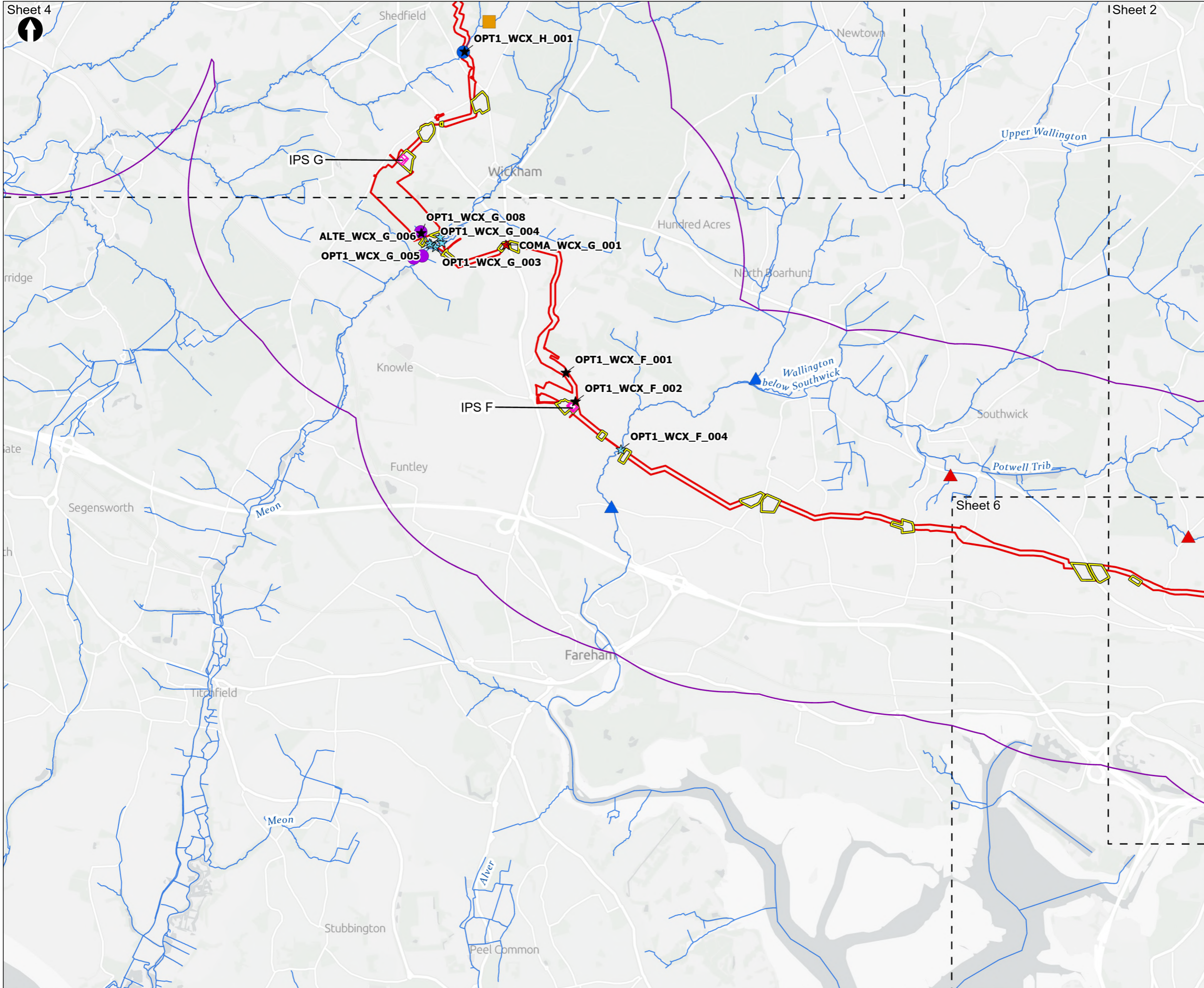
Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 2 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>

© Southern Water 2026  
 This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose. We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.



Drawing Number  
**PC5223-RHD-ES-ZZ-D-Z-0080**



**Order Limits**

- Order Limits 2km Buffer
- Sheet Extent Boxes 1:40K
- Construction compounds
- Watercourse

**Above Ground Plant**

- Intermediate Pumping Station

**Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**

- River Hamble catchment
- River Meon catchment
- Moors Stream catchment
- Potwell Trib catchment
- Wallington River catchment

**Watercourse Crossing**

- Trenchless
- Open cut
- Construction accesses

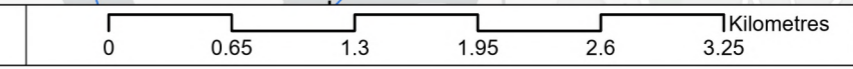
Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

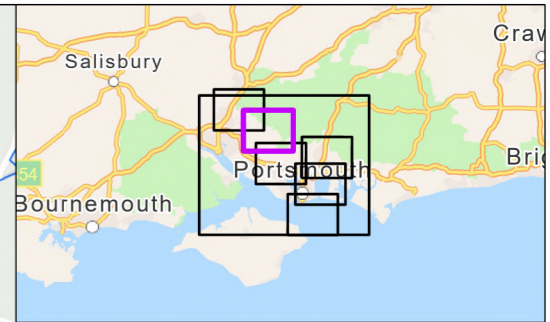
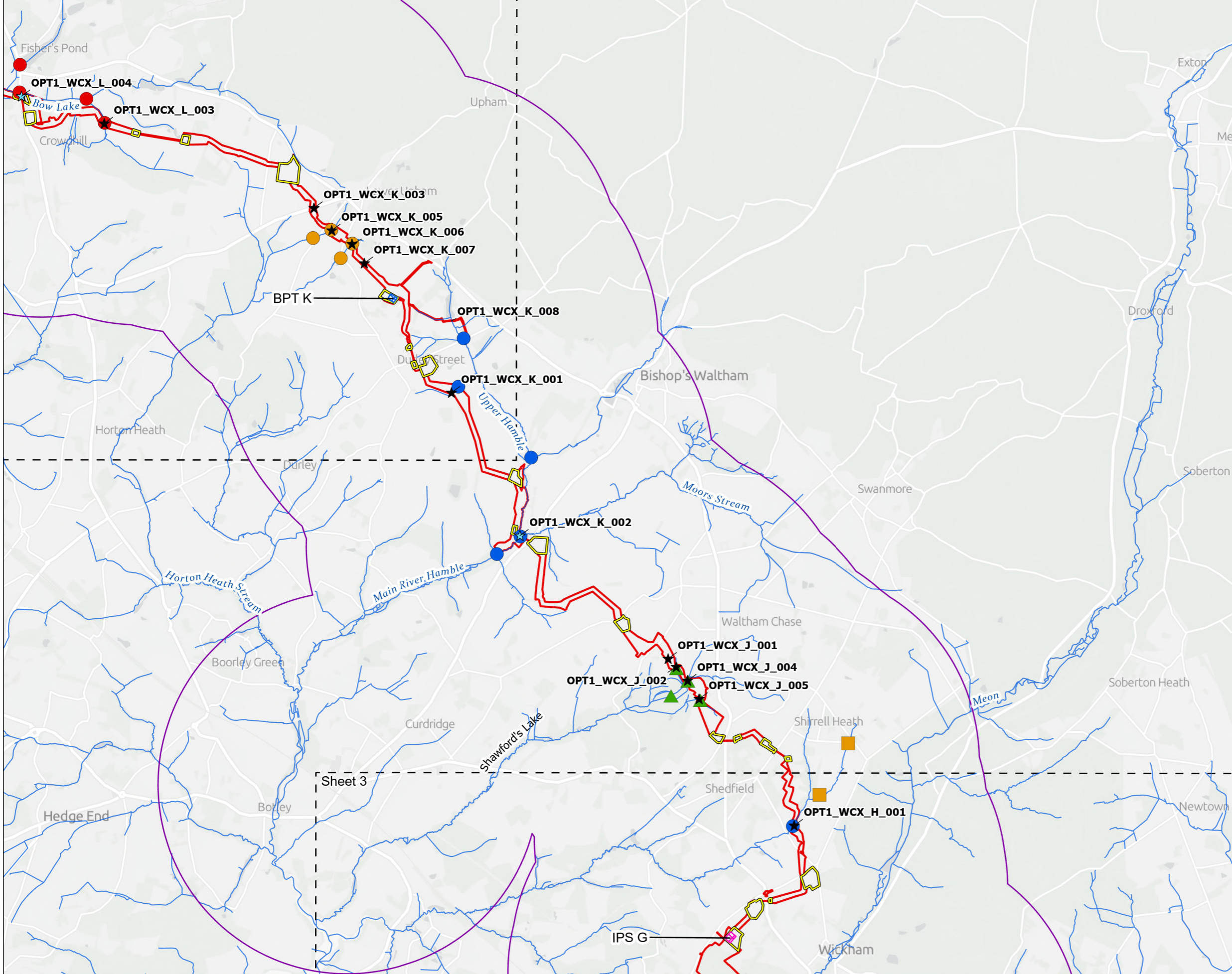
PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project



Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 3 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>





**Order Limits**

- Order Limits 2km Buffer
- Sheet Extent Boxes 1:40K
- Construction compounds
- Watercourse

**Above Ground Plant**

- Break Pressure Tank
- Intermediate Pumping Station

**Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**

- Bow Lake catchment
- Horton Stream catchment
- River Hamble catchment
- Moors Stream catchment
- Shawfords Lake catchment

**Watercourse Crossing**

- Trenchless
- Open cut

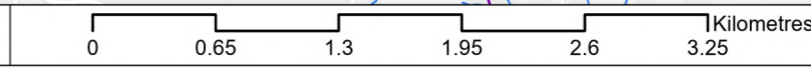
Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

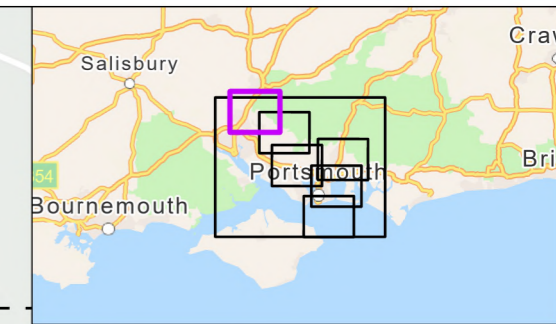
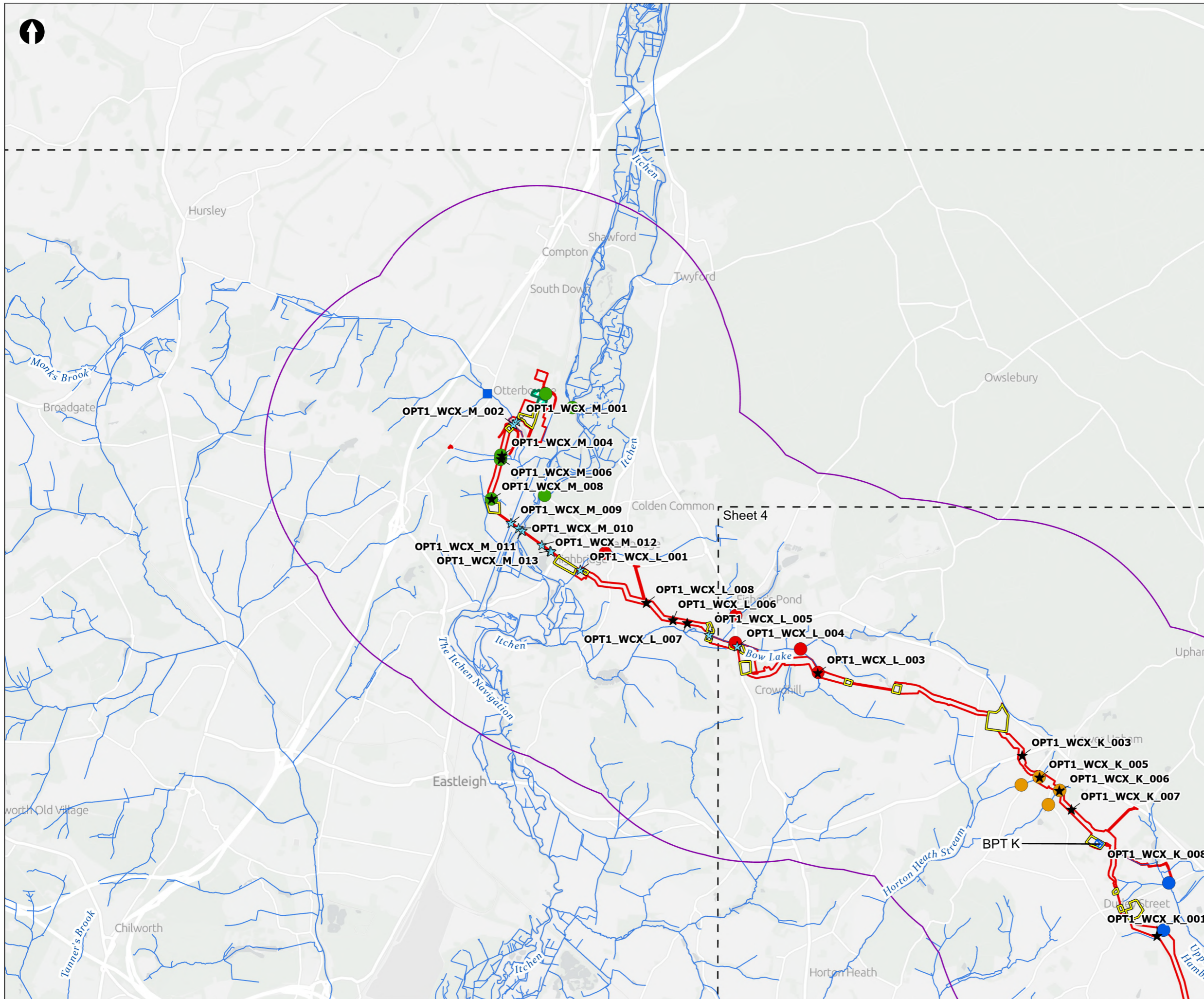
PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project



Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 4 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>





- Order Limits
- Order Limits 2km Buffer
- Sheet Extent Boxes 1:40K
- Construction compounds
- Limits of Deviation for Otterbourne INNS Treatment Plant
- Watercourse
- Above Ground Plant**
- Break Pressure Tank
- Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**
- Bow Lake catchment
- Horton Stream catchment
- River Itchen catchment
- River Hamble catchment
- Otterbourne Stream catchment
- Watercourse Crossing**
- ★ Trenchless
- ★ Open cut

Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project

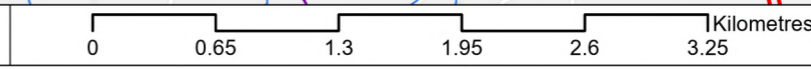


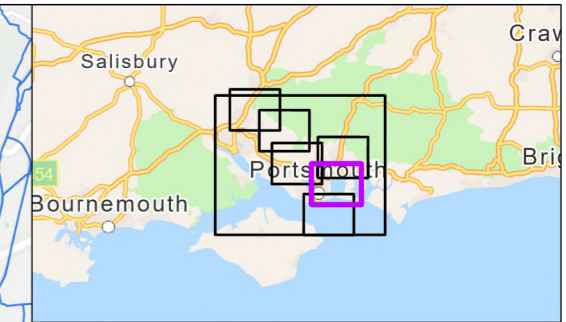
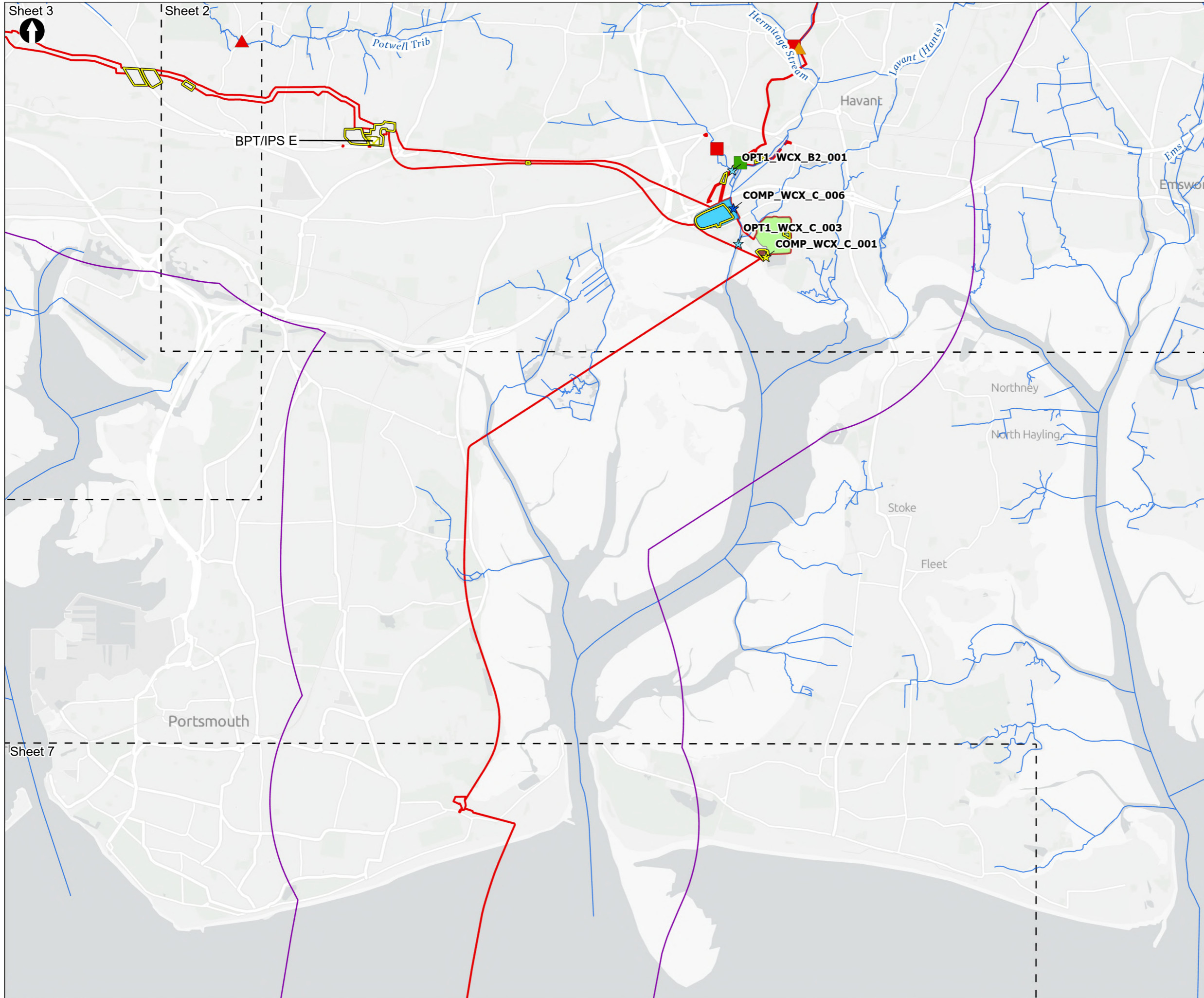
Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 5 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>

Drawing Number  
**PC5223-RHD-ES-ZZ-D-Z-0080**

© Southern Water 2026  
 This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose. We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.





- Order Limits
  - Order Limits 2km Buffer
  - Sheet Extent Boxes 1:40K
  - Construction compounds
  - Watercourse
- Proposed Development components**
- Budds Farm Wastewater Treatment Works
  - Limits of Deviation for Budds Farm Pumping Station
  - Water Recycling Plant site
- Above Ground Plant**
- Break Pressure Tank & Intermediate Pumping Station
- Catchment Macroinvertebrate Monitoring Sites (EA and project survey sites)**
- Hermitage Stream catchment
  - Old Mill Dam catchment
  - Potwell Trib catchment
  - Riders Lane Stream catchment
- Watercourse Crossing**
- Trenchless
  - Construction compounds
  - Other interface

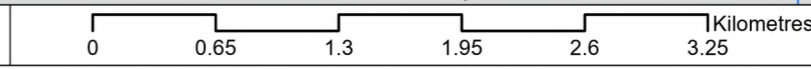
Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

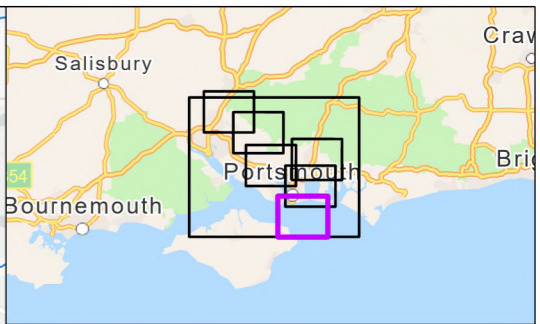
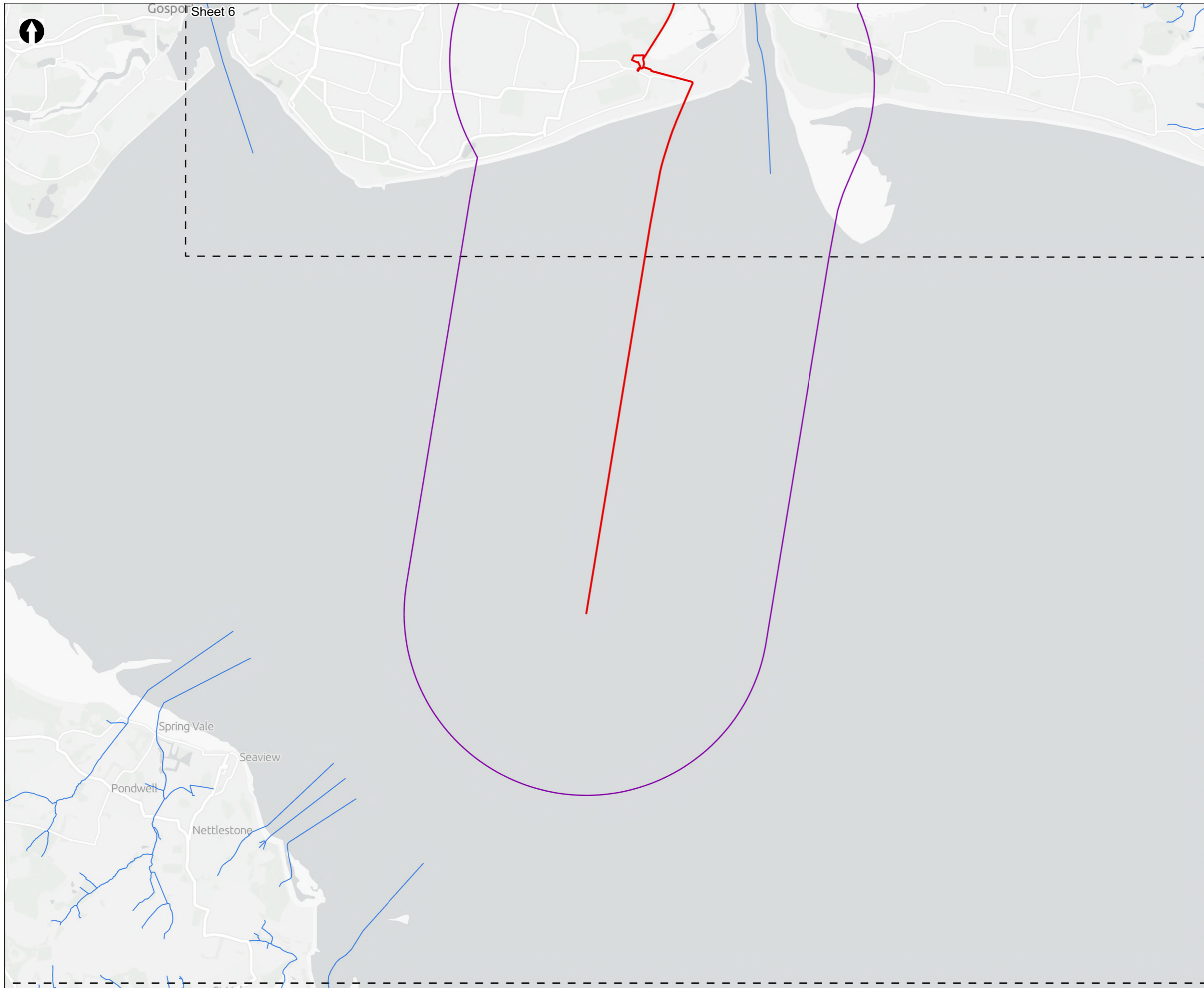
PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project



Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 6 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>





- ▭ Order Limits
- ▭ Order Limits 2km Buffer
- Sheet Extent Boxes 1:40K
- Watercourse

Coordinate system: British National Grid; Datum: OSGB 1936  
 Data sources: © Crown copyright and database rights 2026 Ordnance Survey 0100031673. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

PROJECT TITLE  
 Hampshire Water Transfer and Water Recycling Project



Figure 8.56  
 Aquatic Macroinvertebrate survey overview  
 Sheet 7 of 7

Drawn <b>MW</b>	GIS Checked <b>DL</b>	Checked <b>MP</b>	Approved <b>AK</b>
Scale at A3 <b>1:40,000</b>	Status <b>Final</b>	Revision <b>05</b>	Security <b>STD</b>

