

Hampshire Water Transfer and Water Recycling Project Environmental Statement – Figure 19.11 Reservoir flood risk

VOLUME NUMBER: 6

PLANNING INSPECTORATE SCHEME NUMBER: WA010002

APPLICATION DOCUMENT REFERENCE: 6.3

APFP REGULATION: 5(2)(a)

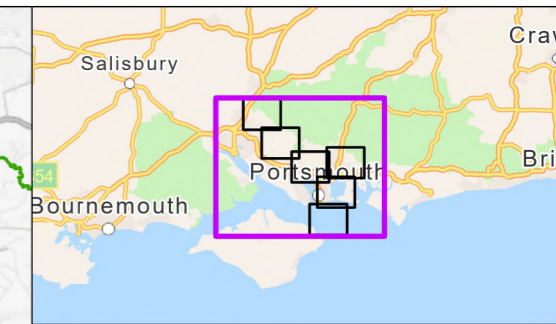
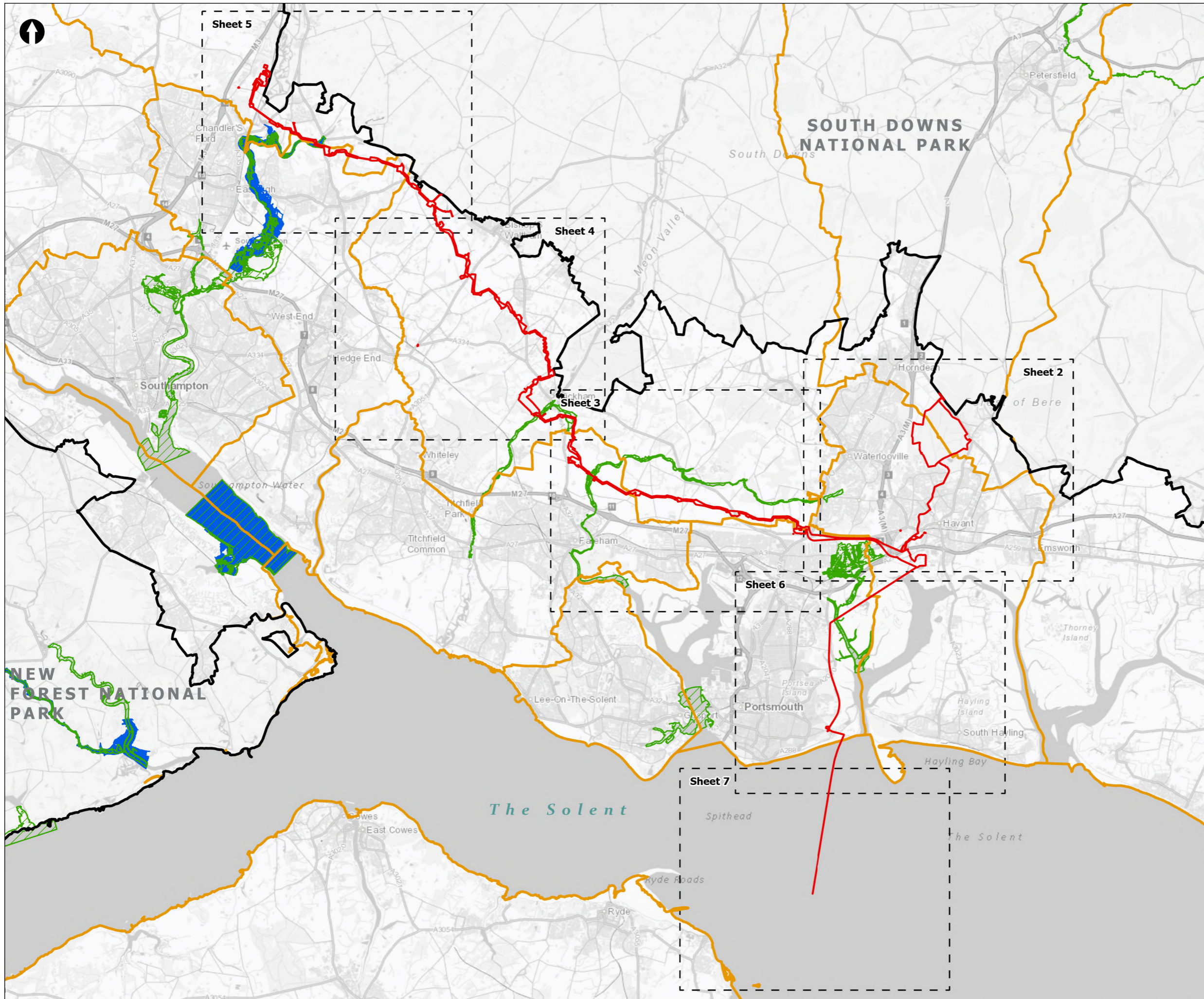
May 2026

Version 0



from
**Southern
Water** 

The Southern Water logo consists of the words 'Southern' and 'Water' stacked vertically in a dark blue, sans-serif font. To the right of the word 'Water' is a graphic element consisting of three stylized, wavy lines in shades of blue, representing water.



- Order Limits
- Sheet Extent Boxes 1:30K
- National Parks
- Local planning authorities
- Reservoir Flood Extents***
- Reservoir Flood Extents Dry Day
- Reservoir Flood Extents Wet Day

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

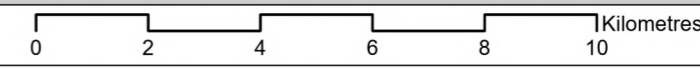
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project

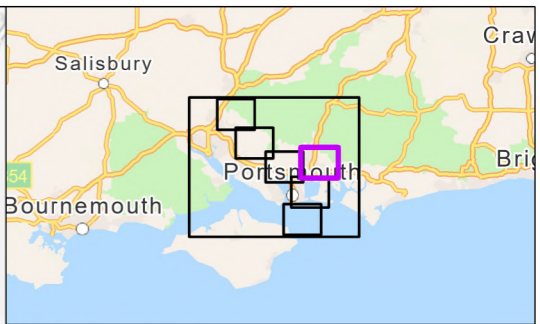
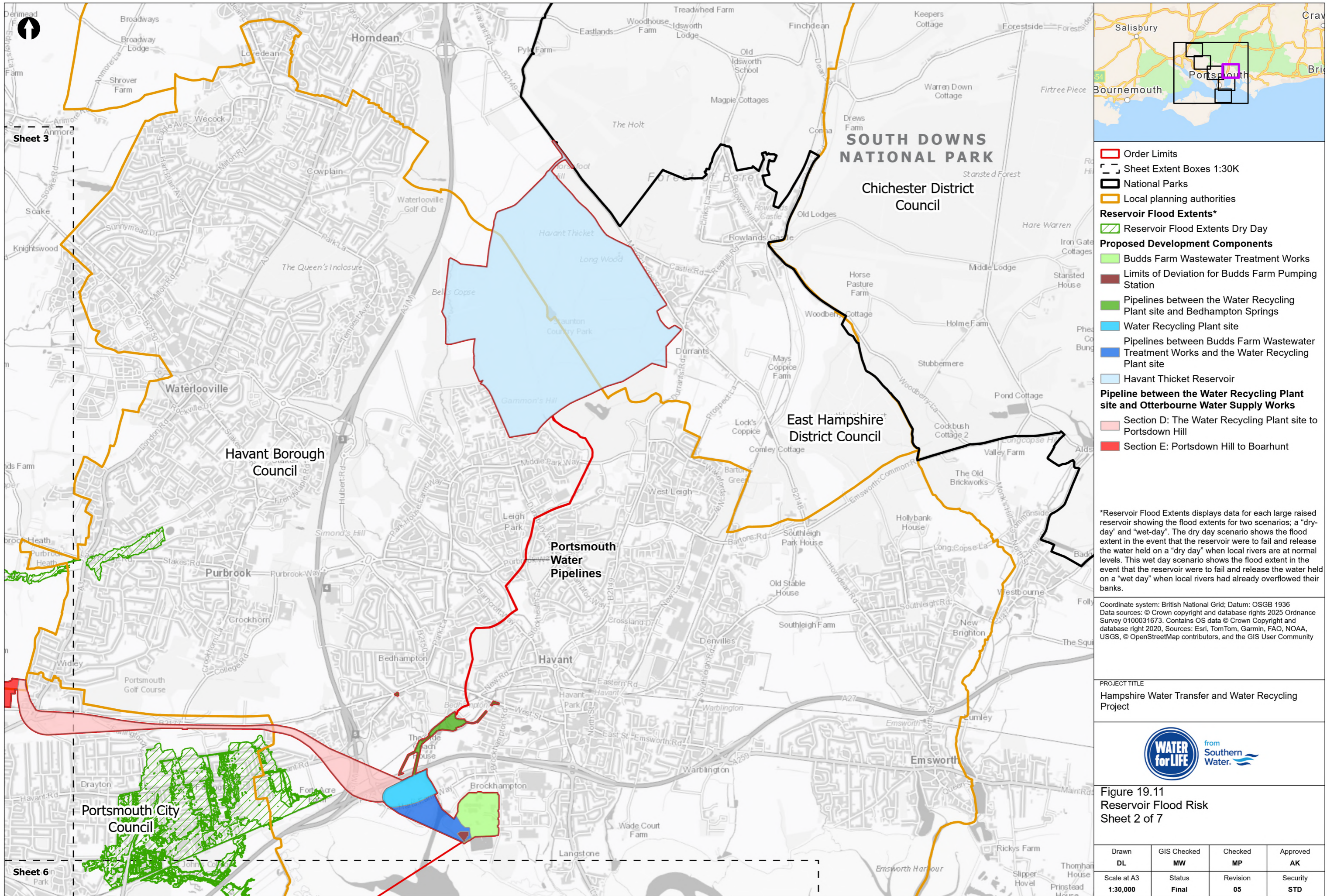


Figure 19.11
 Reservoir Flood Risk
 Sheet 1 of 7

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

Drawing Number
PC5223-RHD-ES-ZZ-D-Z-0082





- Order Limits
- Sheet Extent Boxes 1:30K
- National Parks
- Local planning authorities
- Reservoir Flood Extents***
- Reservoir Flood Extents Dry Day
- Proposed Development Components**
- Budds Farm Wastewater Treatment Works
- Limits of Deviation for Budds Farm Pumping Station
- Pipelines between the Water Recycling Plant site and Bedhampton Springs
- Water Recycling Plant site
- Pipelines between Budds Farm Wastewater Treatment Works and the Water Recycling Plant site
- Havant Thicket Reservoir
- Pipeline between the Water Recycling Plant site and Otterbourne Water Supply Works**
- Section D: The Water Recycling Plant site to Portsdown Hill
- Section E: Portsdown Hill to Boarhunt

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

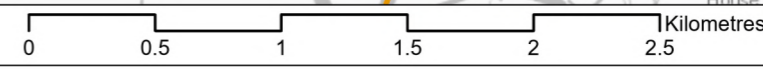
Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

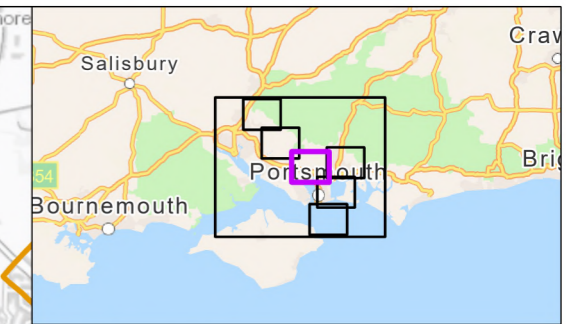
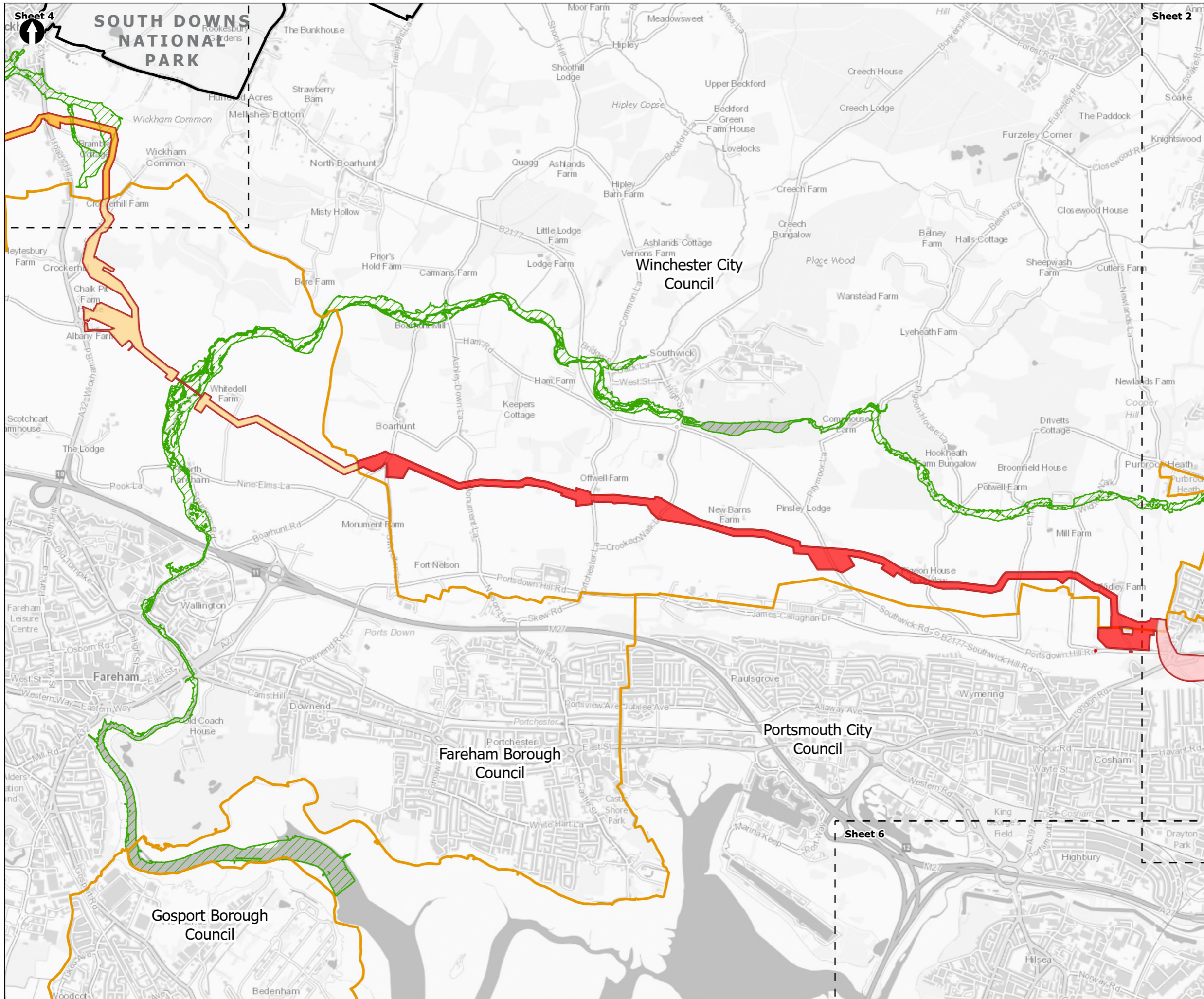
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project



Figure 19.11
 Reservoir Flood Risk
 Sheet 2 of 7

Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD





- Order Limits
 - Sheet Extent Boxes 1:30K
 - National Parks
 - Local planning authorities
- Reservoir Flood Extents***
- Reservoir Flood Extents Dry Day
- Pipeline between the Water Recycling Plant site and Otterbourne Water Supply Works**
- Section D: The Water Recycling Plant site to Portsdown Hill
 - Section E: Portsdown Hill to Boarhunt
 - Section F: Boarhunt to Crockerhill
 - Section G: Crockerhill to Wickham

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

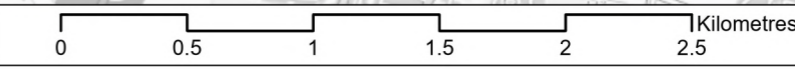
Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

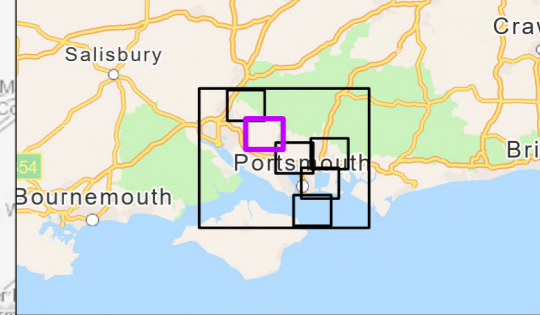
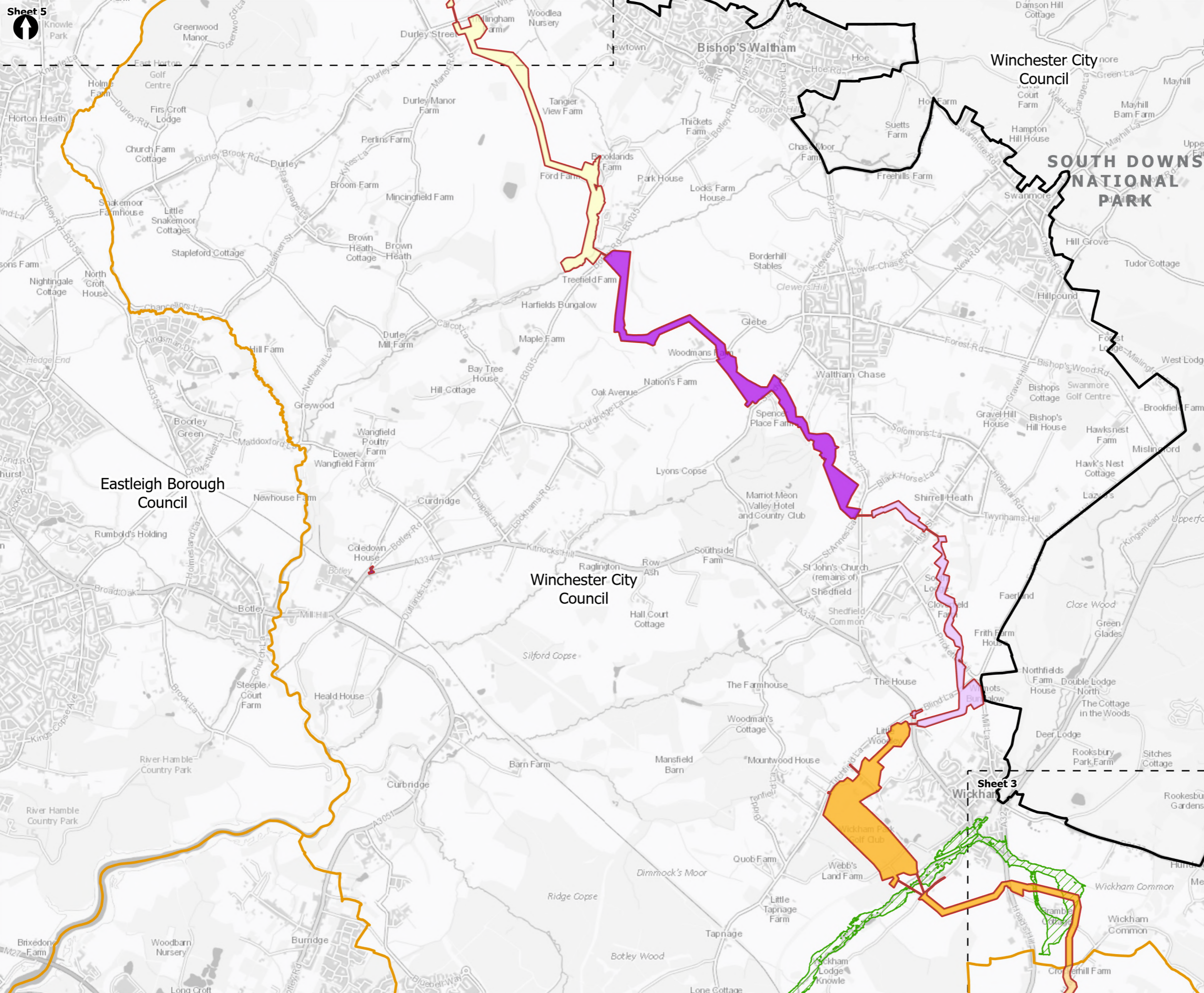
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project



Figure 19.11
 Reservoir Flood Risk
 Sheet 3 of 7

Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD





- Order Limits
- Sheet Extent Boxes 1:30K
- National Parks
- Local planning authorities
- Reservoir Flood Extents***
- Reservoir Flood Extents Dry Day
- Pipeline between the Water Recycling Plant site and Otterbourne Water Supply Works**
- Section F: Boarhunt to Crockerhill
- Section G: Crockerhill to Wickham
- Section H: Wickham to Shedfield
- Section J: Shedfield to the River Hamble
- Section K: The River Hamble to Lower Upham

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

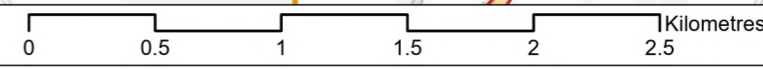
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project

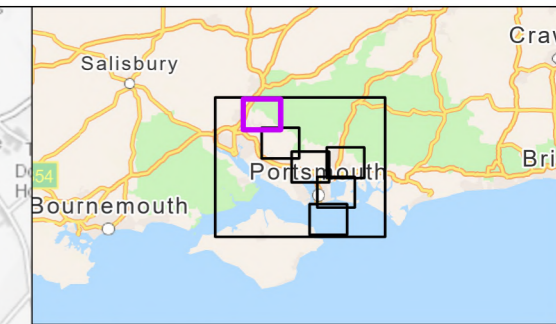
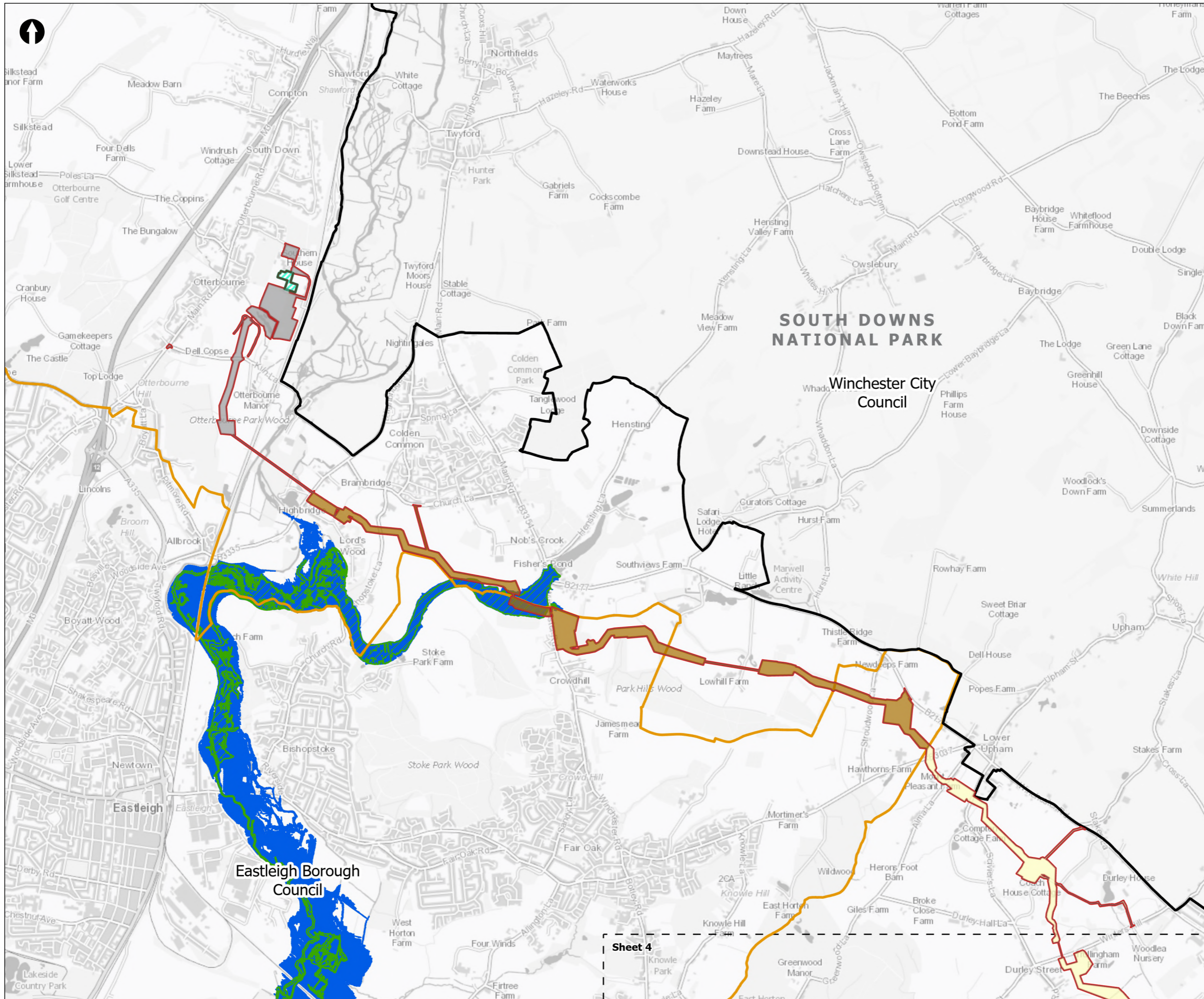


Figure 19.11
 Reservoir Flood Risk
 Sheet 4 of 7

Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD

Drawing Number
PC5223-RHD-ES-ZZ-D-Z-0082





- Order Limits
- Sheet Extent Boxes 1:30K
- National Parks
- Local planning authorities
- Reservoir Flood Extents***
- Reservoir Flood Extents Dry Day
- Reservoir Flood Extents Wet Day
- Pipeline between the Water Recycling Plant site and Otterbourne Water Supply Works**
- Section K: The River Hamble to Lower Upham
- Section L: Lower Upham to Brambridge
- Section M: Brambridge to Otterbourne Water Supply Works
- Limits of Deviation for Otterbourne INNS Treatment Plant

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

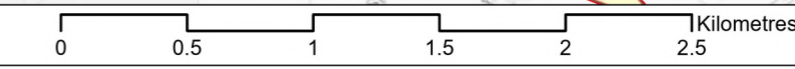
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project



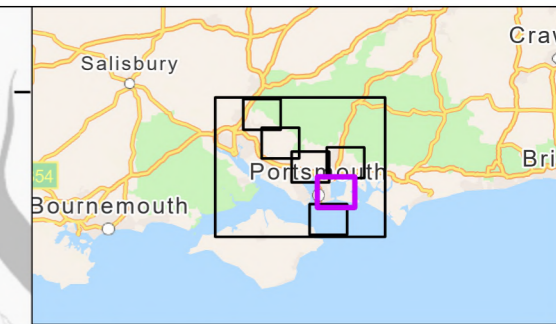
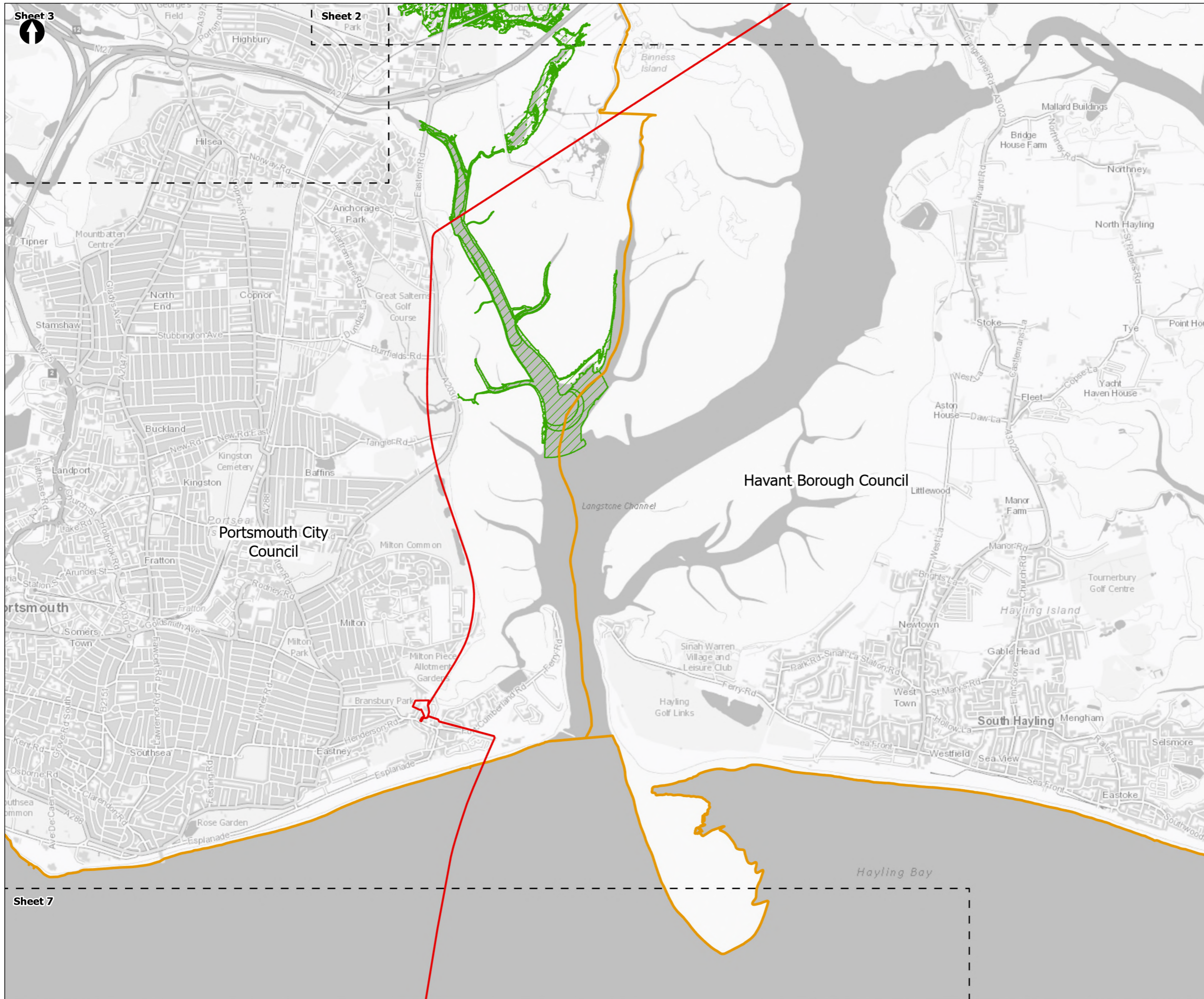
Figure 19.11
 Reservoir Flood Risk
 Sheet 5 of 7

Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD

Drawing Number
PC5223-RHD-ES-ZZ-D-Z-0082



Sheet 4



Order Limits
 Sheet Extent Boxes 1:30K
 Local planning authorities
Reservoir Flood Extents*
 Reservoir Flood Extents Dry Day

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

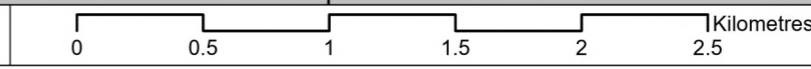
PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project



Figure 19.11
 Reservoir Flood Risk
 Sheet 6 of 7

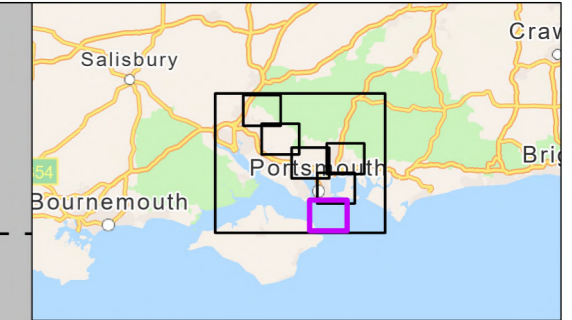
Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD

Drawing Number
PC5223-RHD-ES-ZZ-D-Z-0082





Sheet 6



- Order Limits
- Sheet Extent Boxes 1:30K
- Local planning authorities

Spithead

*Reservoir Flood Extents displays data for each large raised reservoir showing the flood extents for two scenarios; a "dry-day" and "wet-day". The dry day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "dry day" when local rivers are at normal levels. This wet day scenario shows the flood extent in the event that the reservoir were to fail and release the water held on a "wet day" when local rivers had already overflowed their banks.

Coordinate system: British National Grid; Datum: OSGB 1936
 Data sources: © Crown copyright and database rights 2025 Ordnance Survey 0100031673. Contains OS data © Crown Copyright and database right 2020, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

PROJECT TITLE
 Hampshire Water Transfer and Water Recycling Project



Figure 19.11
 Reservoir Flood Risk
 Sheet 7 of 7

Drawn DL	GIS Checked MW	Checked MP	Approved AK
Scale at A3 1:30,000	Status Final	Revision 05	Security STD

Drawing Number
PC5223-RHD-ES-ZZ-D-Z-0082



Isle of Wight Council

