

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 24 Onshore Hydrology and Flood Risk

Volume 2 Figures

Date: February 2025

Document Reference: 6.2.24

Revision: 2.0

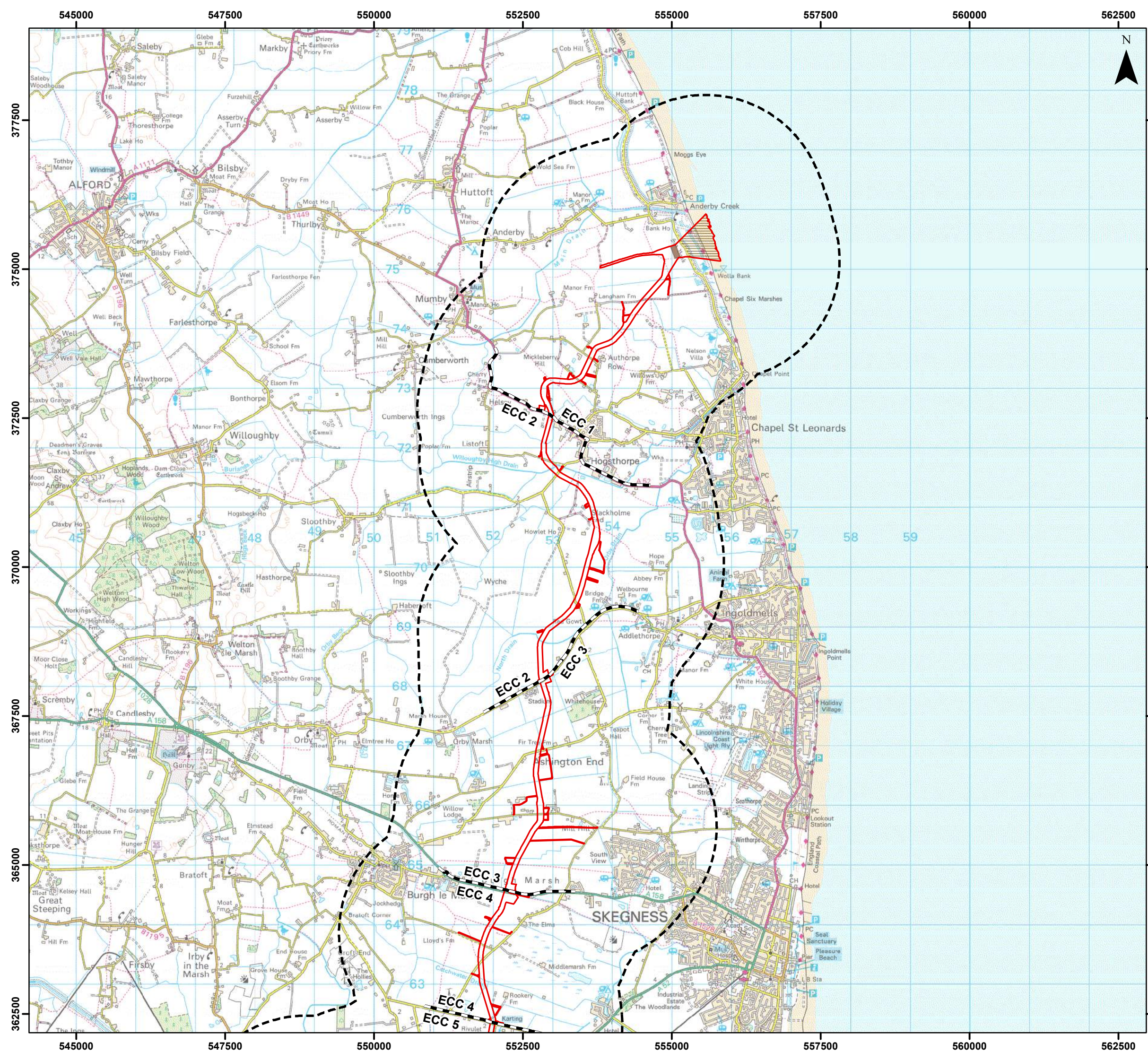
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Project:		Whole Wind Farm		Sub Project/Package:		Whole Asset	
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- Figure 24.4 Watercourses and Flood Zones (document reference 6.2.24.4)
- Figure 24.5 Aquifer Designations and Source Protection Zones (document reference 6.2.24.5)

Change Log

- Figures 24.1 – 24.5 inclusive, have been updated to reflect refinements to the Project Order Limits made during Examination.



Legend

- Order Limits
- Onshore Segment Break
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)

Coordinate System: British National Grid

0 1 2 km

Scale: 1:60,000

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Hydrology Hydrogeology and Flood Risk
Study Area
Figure 24.1.1

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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)



Coordinate System: British National Grid
0 1 2 km
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Hydrology Hydrogeology and Flood Risk
Study Area
Figure 24.1.2



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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)

Coordinate System: British National Grid

0 1 2 km

Scale: 1:60,000

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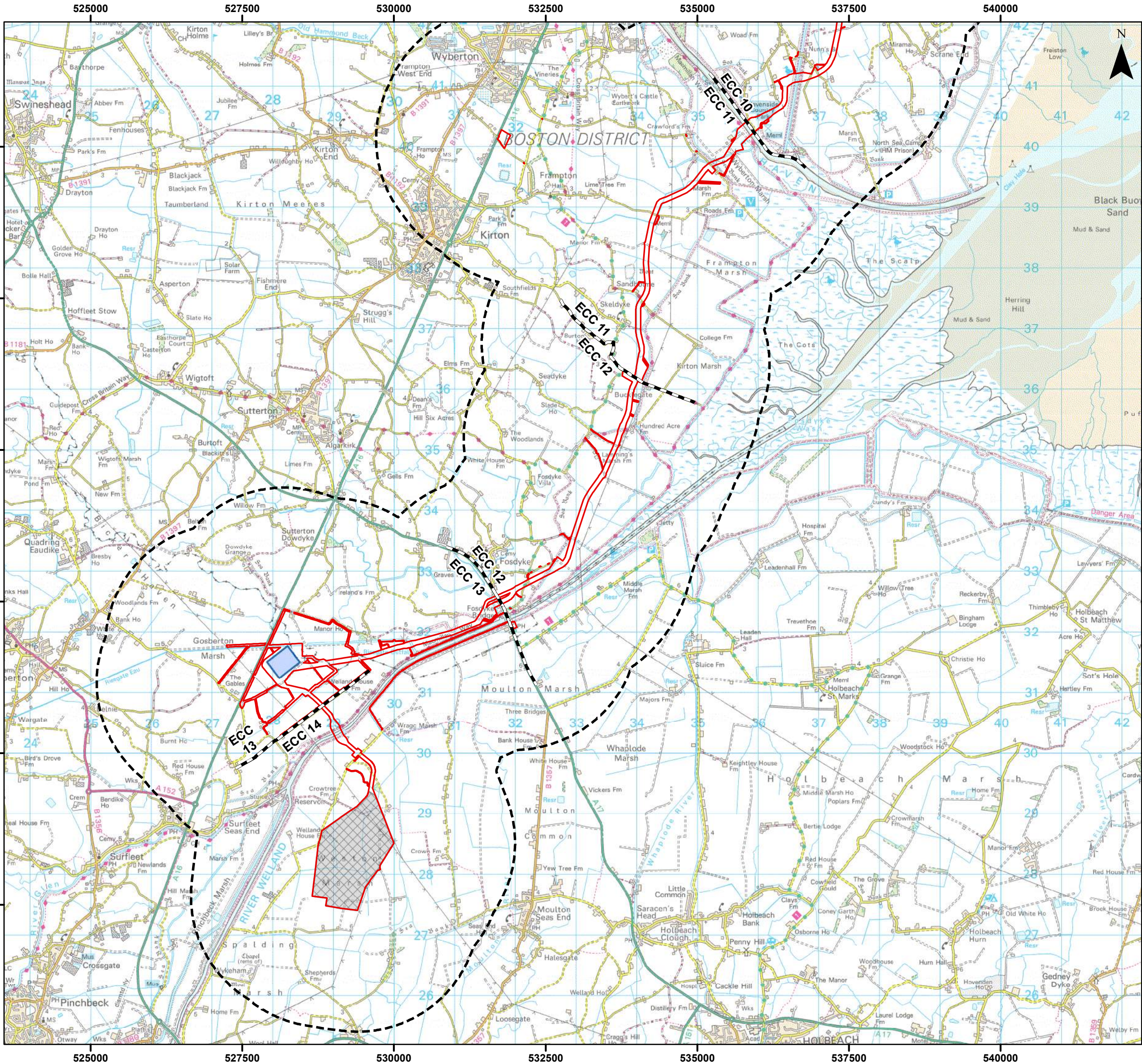
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Hydrology Hydrogeology and Flood Risk
Study Area
Figure 24.1.3

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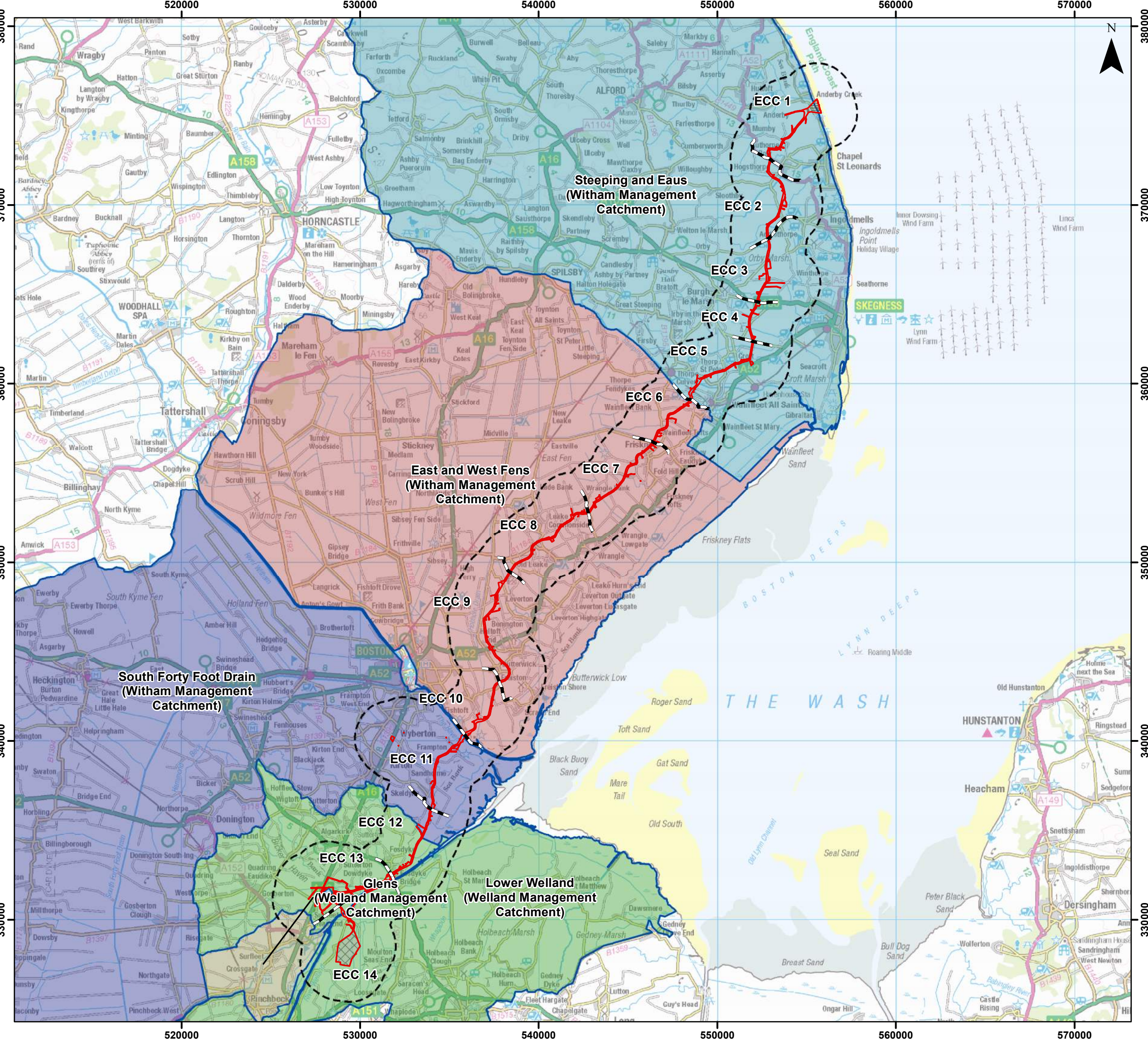
- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)



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Hydrology Hydrogeology and Flood Risk
Study Area
Figure 24.1.4





Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)

Surface Water Operational Catchments

- East and West Fens
- Glens
- Lower Welland
- South Forty Foot Drain
- Steeping and Eaus

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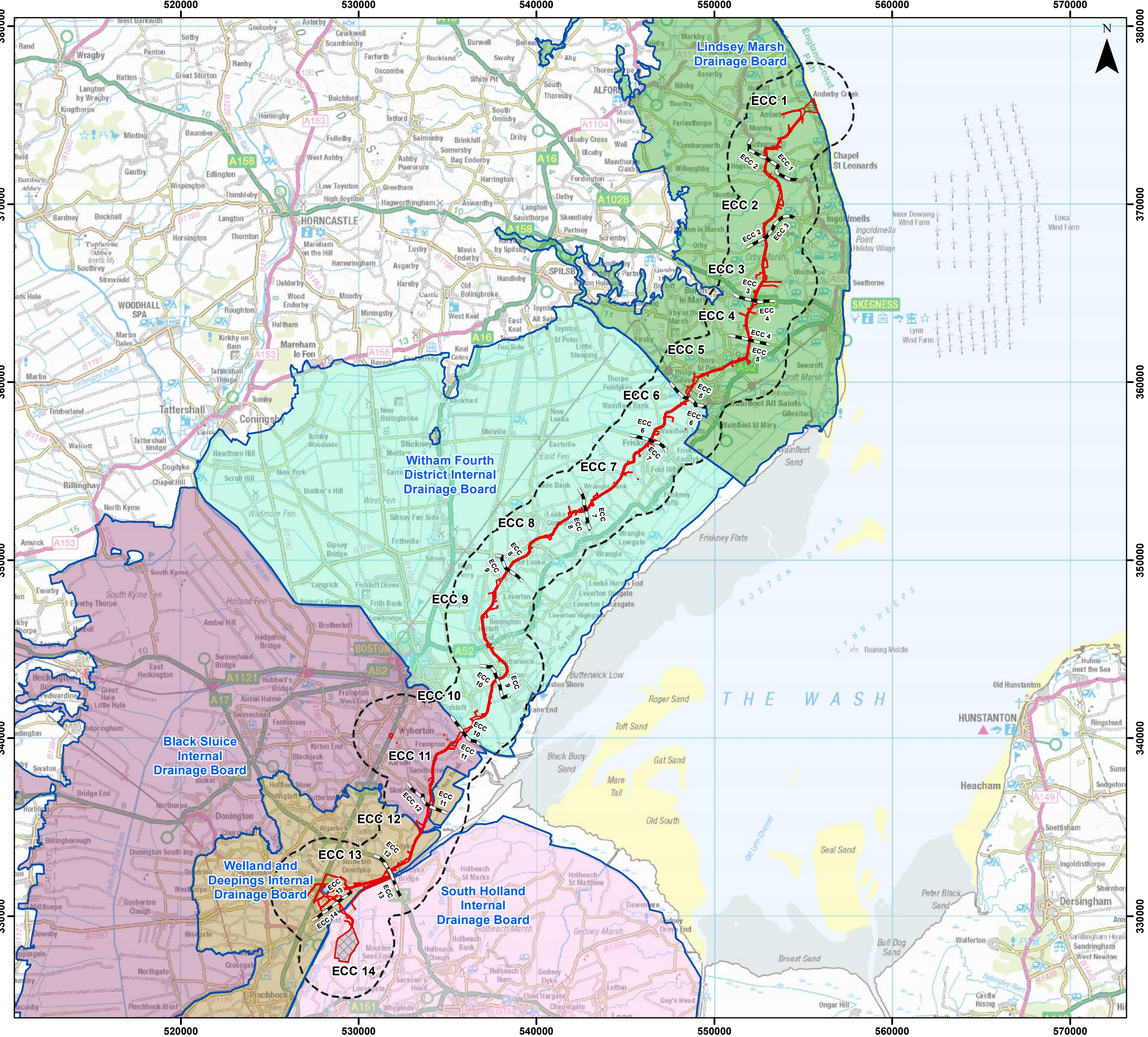
Surface Water Operational Catchments

Figure 24.2

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Legend

- Order Limits
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works
- Transition Joint Bay Area
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)

Internal Drainage Board Administrative Boundaries

- Black Sluice Internal Drainage Board
- Lindsey Marsh Drainage Board
- South Holland Internal Drainage Board
- Welland and Deepings Internal Drainage Board
- Witham Fourth District Internal Drainage Board

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Internal Drainage Board
Administrative Boundaries
Figure 24.3



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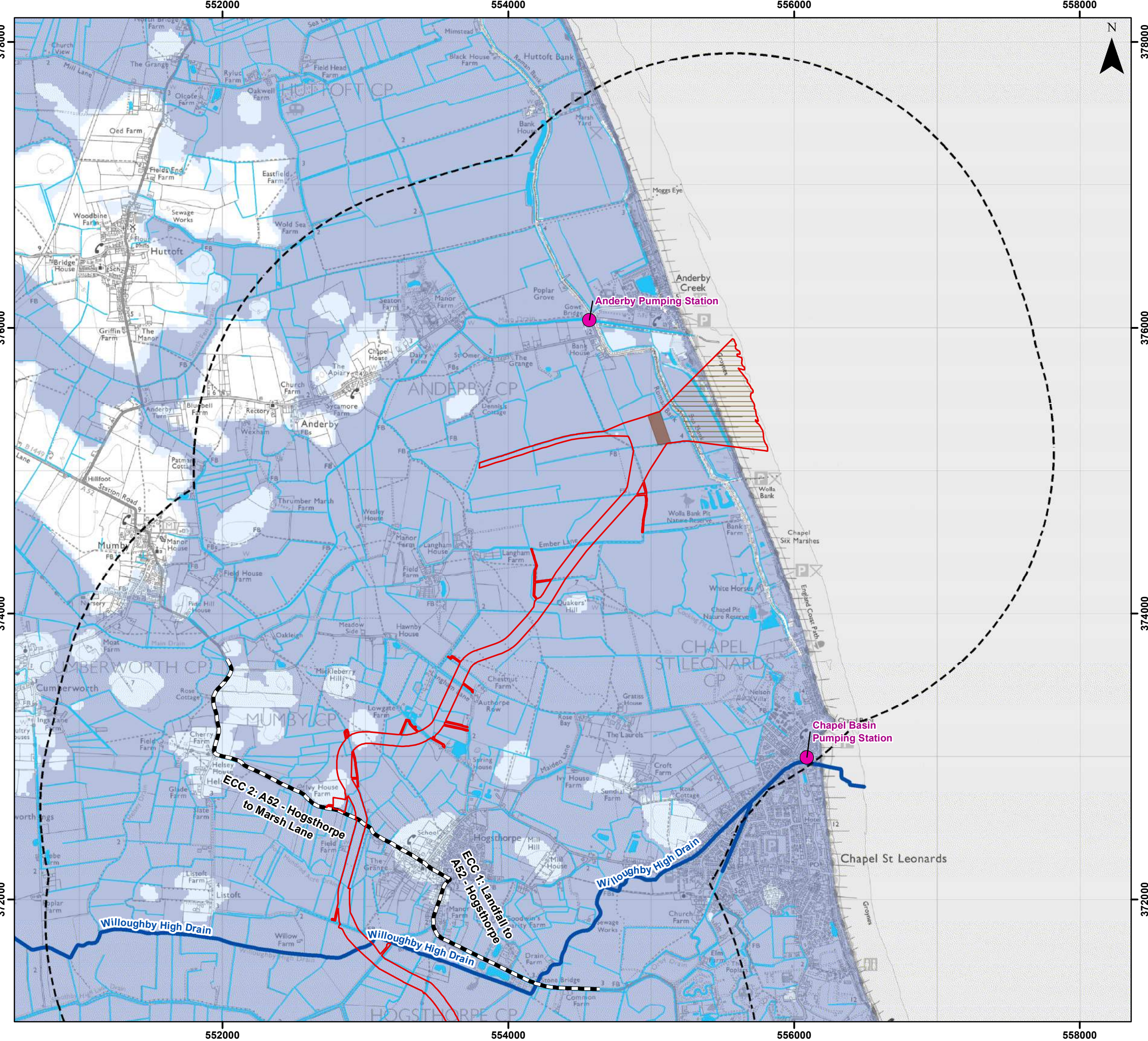
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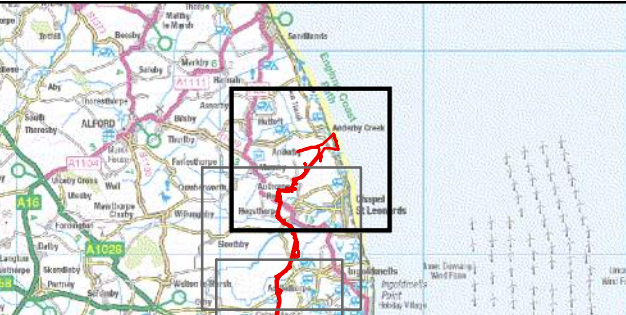
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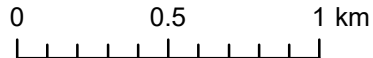
Legend

- Order Limits
- Onshore Segment Break
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 1

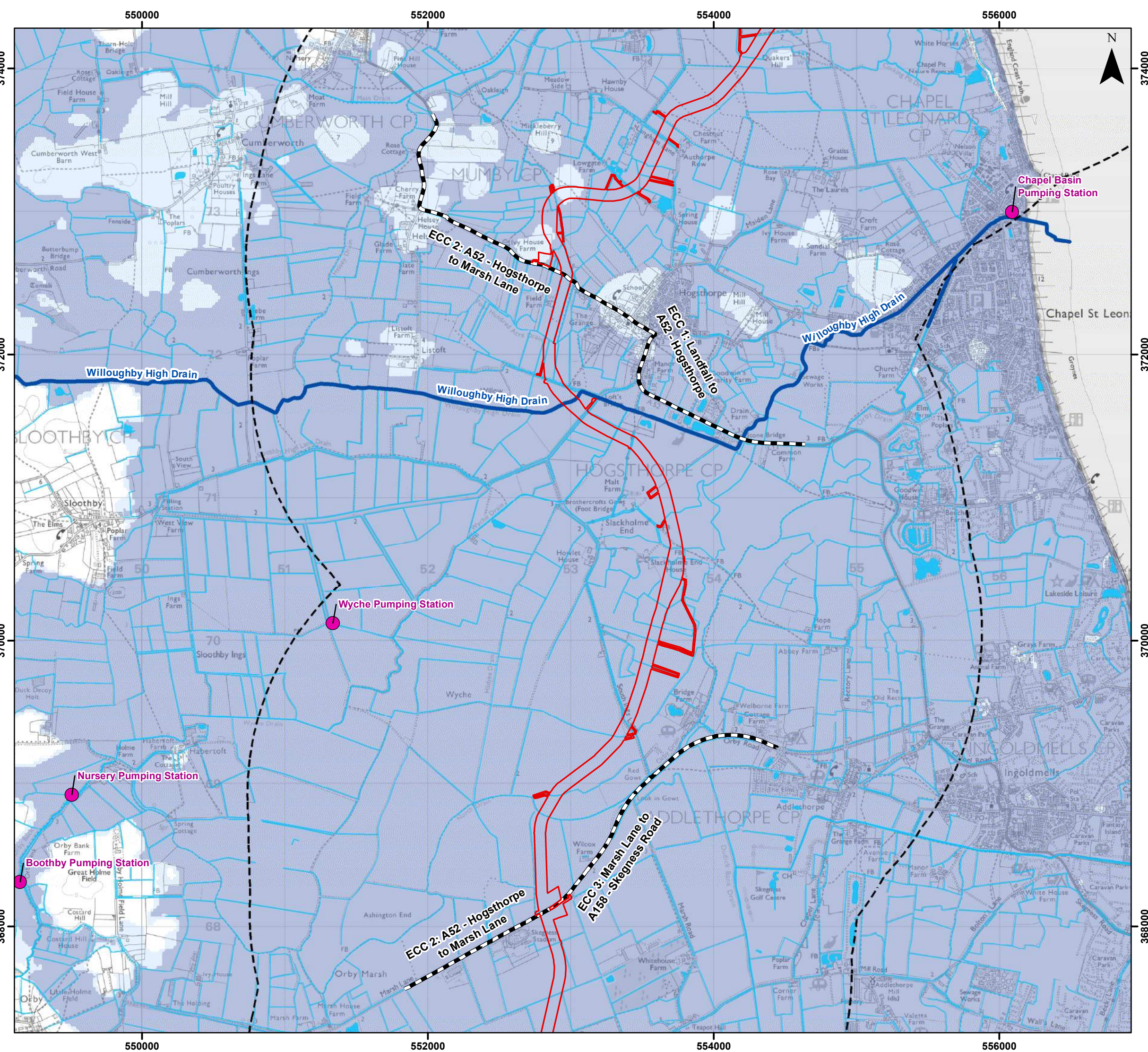
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- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 2

Figure 24.4.2

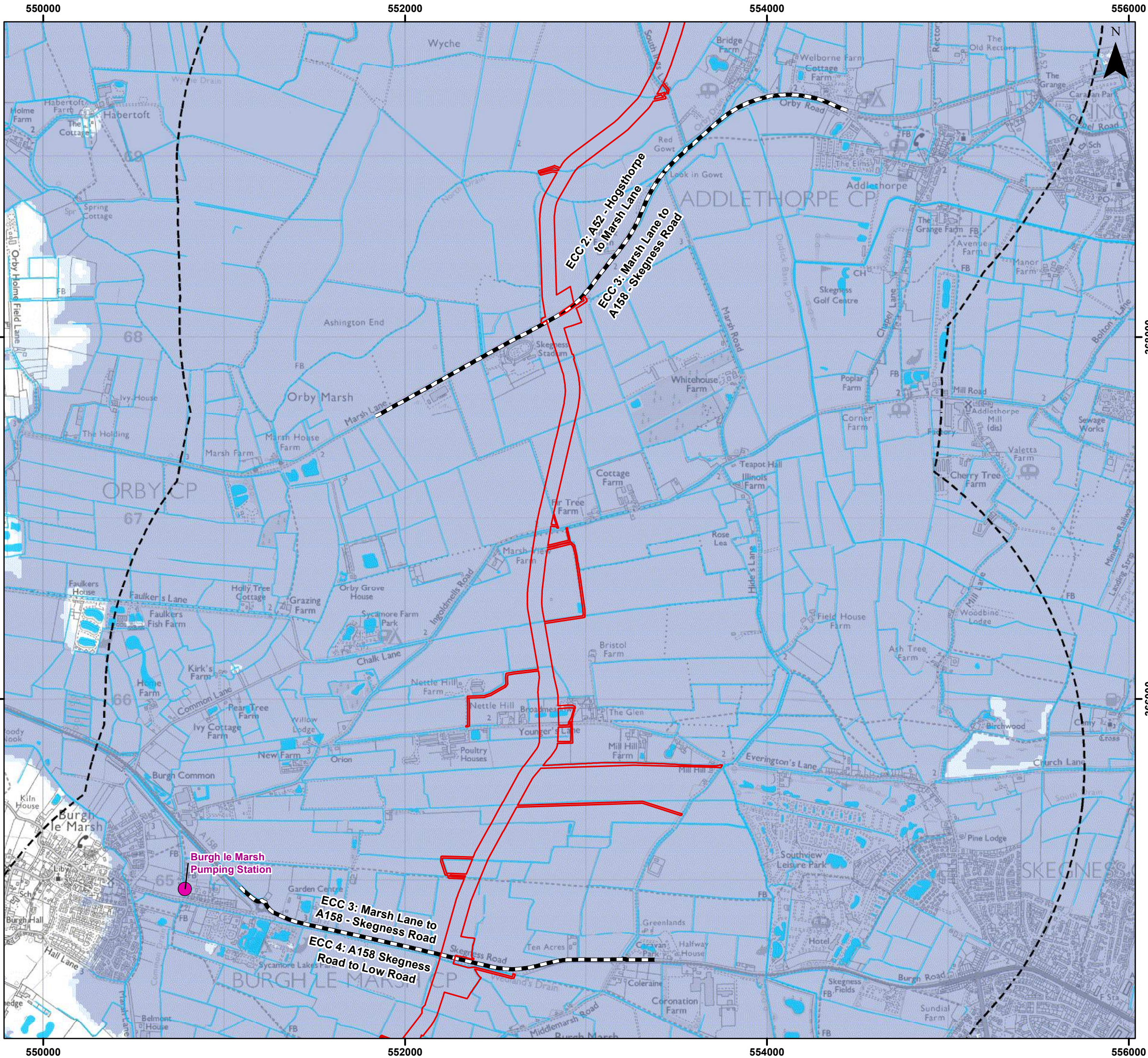
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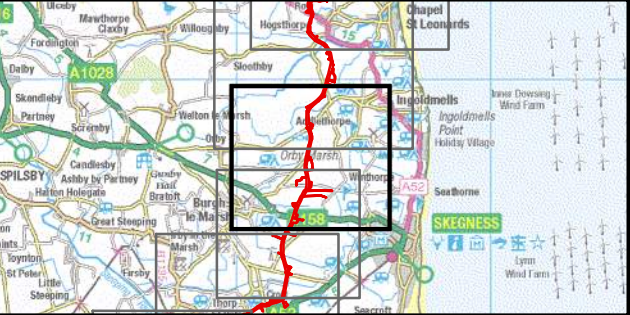
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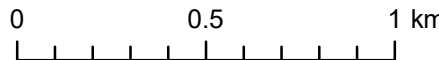
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 3

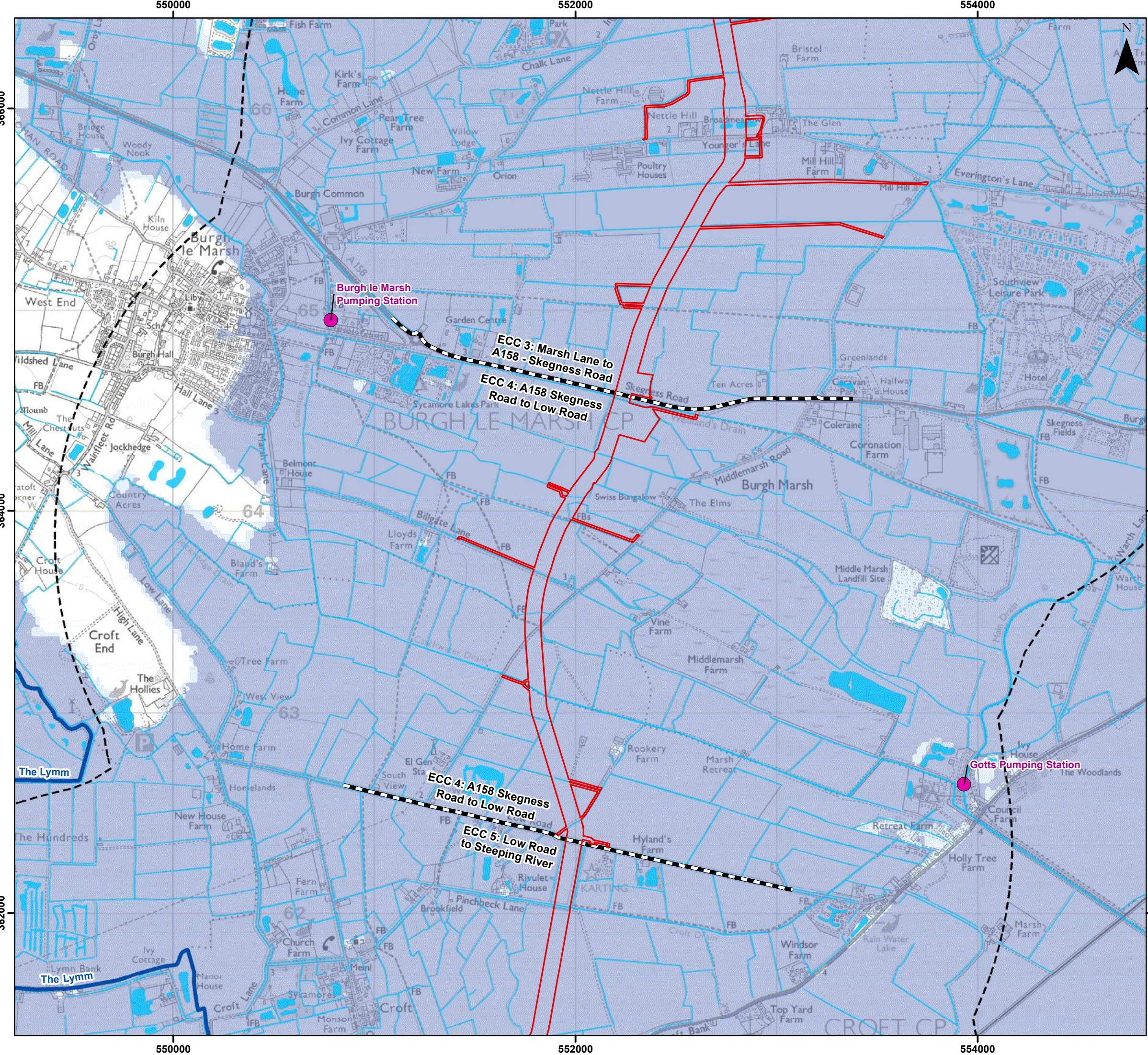
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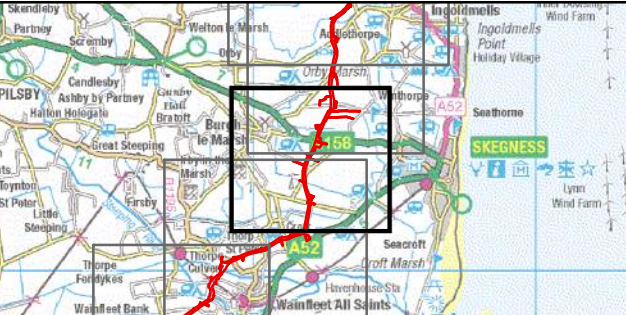
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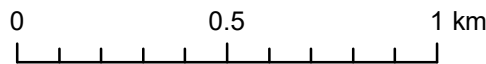
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 4

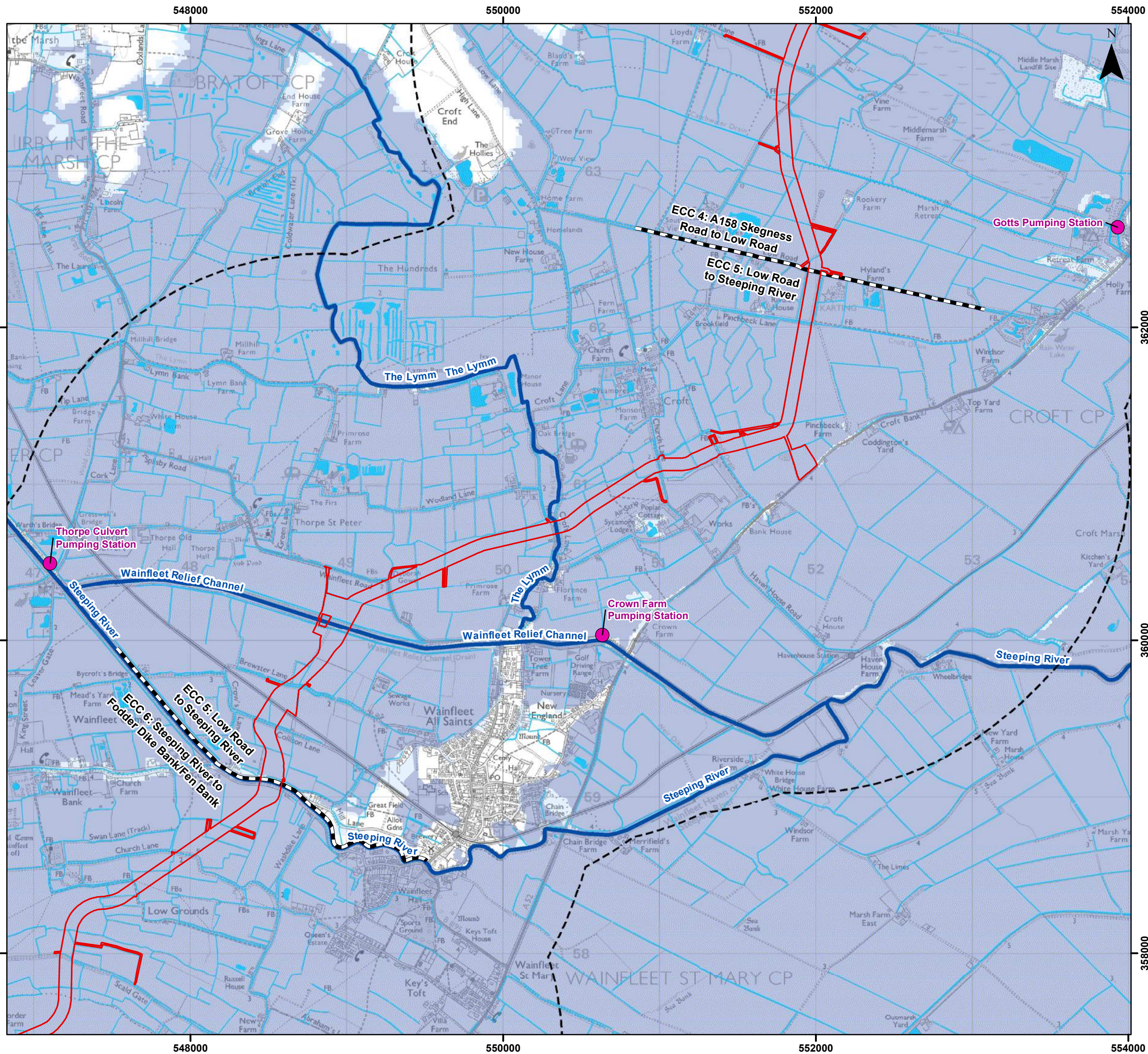
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- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 5

Figure 24.4.5



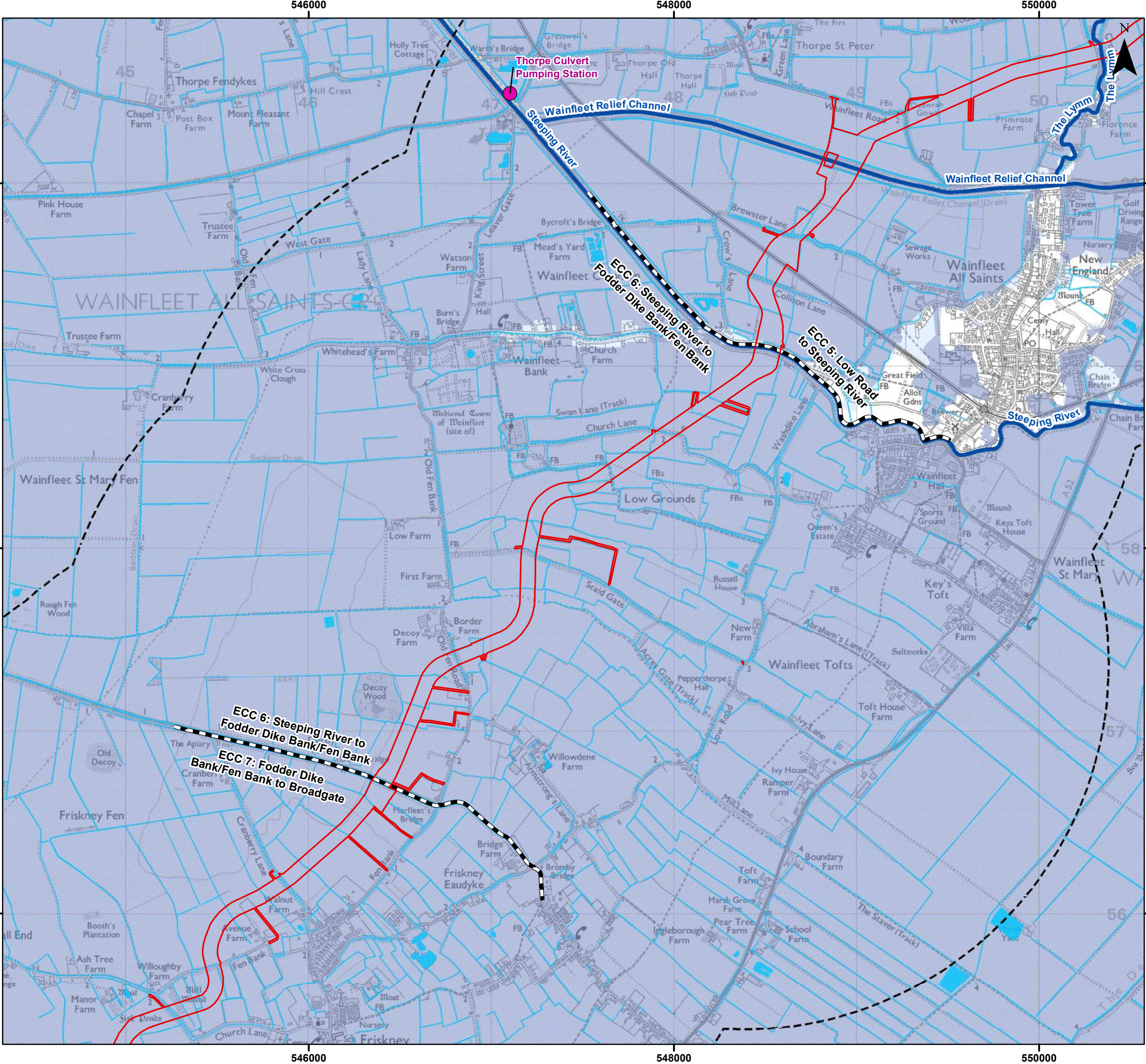
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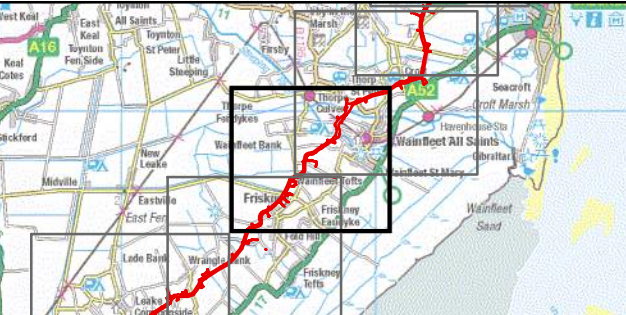
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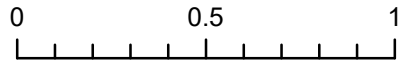
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- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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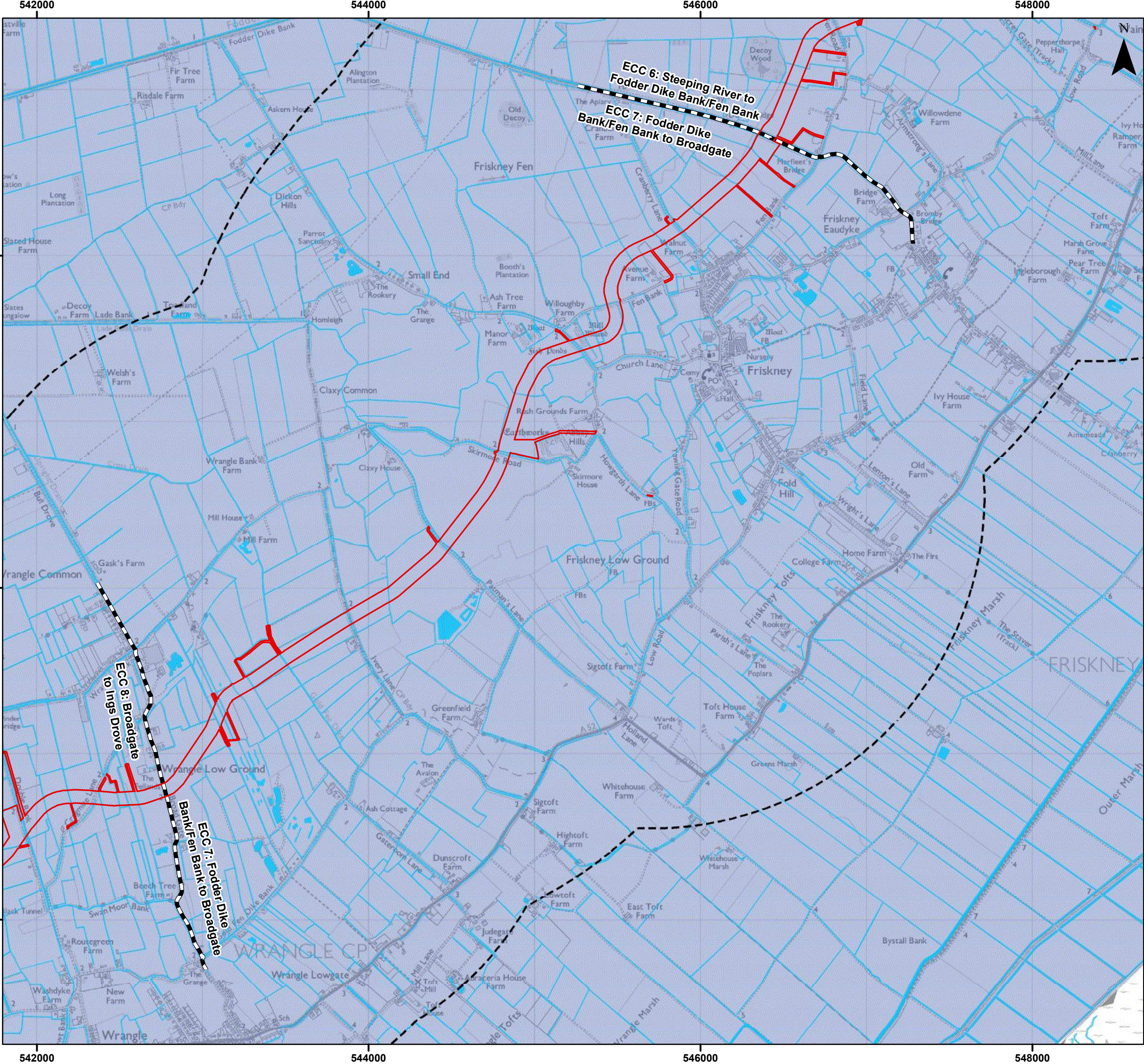
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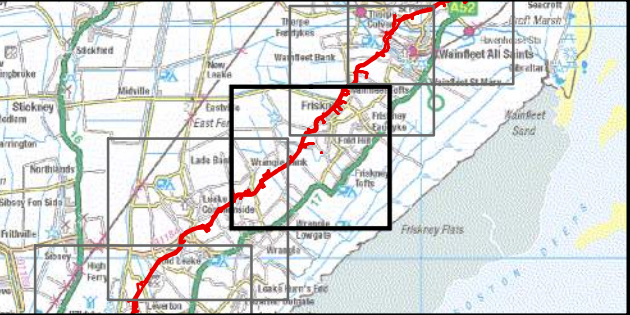
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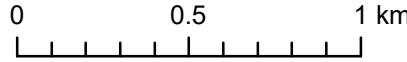
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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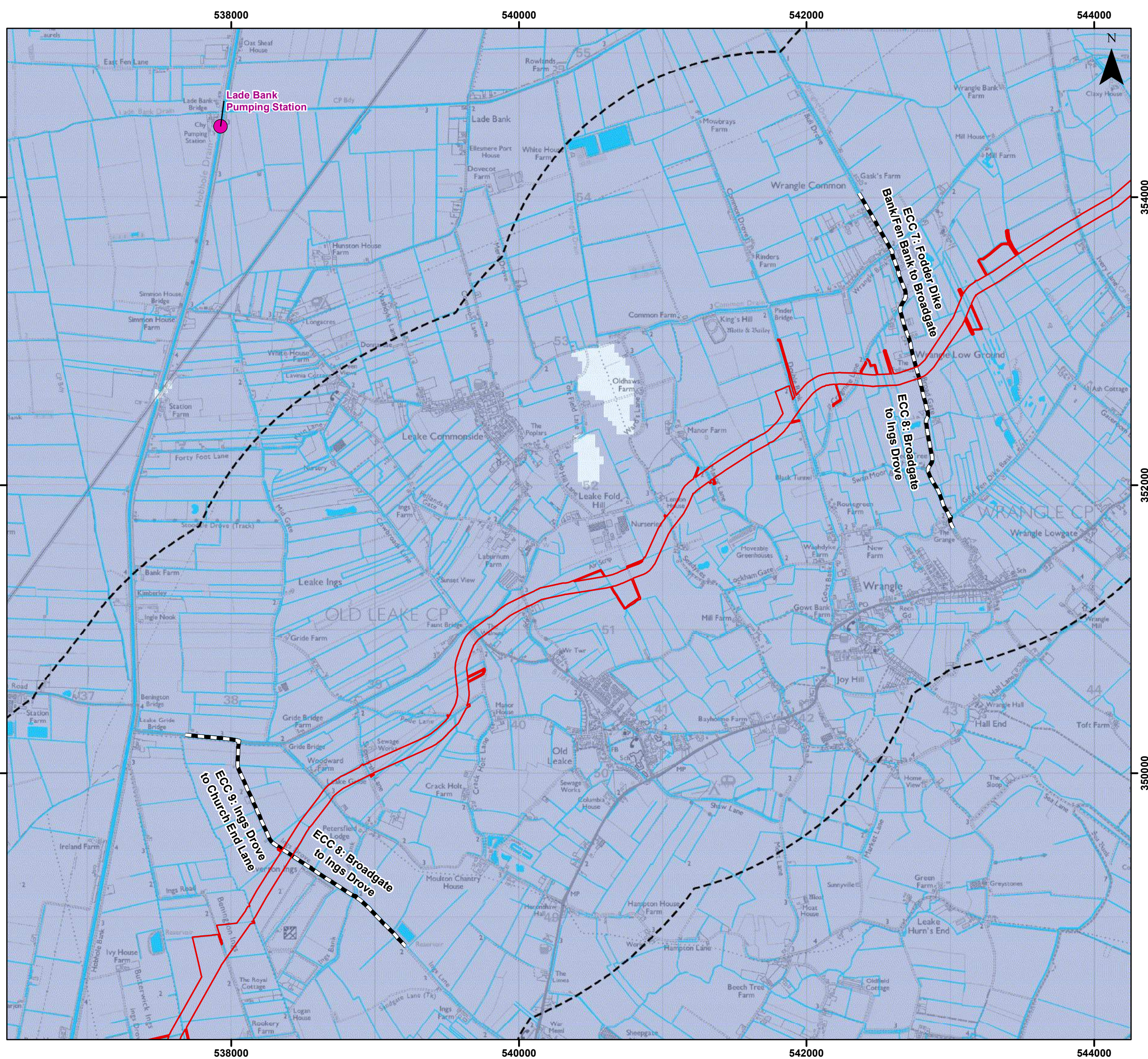
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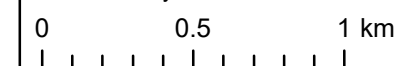
Legend

-  Order Limits
-  Onshore Segment Break
-  Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
-  Pumping Station
-  Statutory Main River
-  Minor Watercourse
-  Waterbody
-  Environment Agency Flood Zone 3
-  Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 8

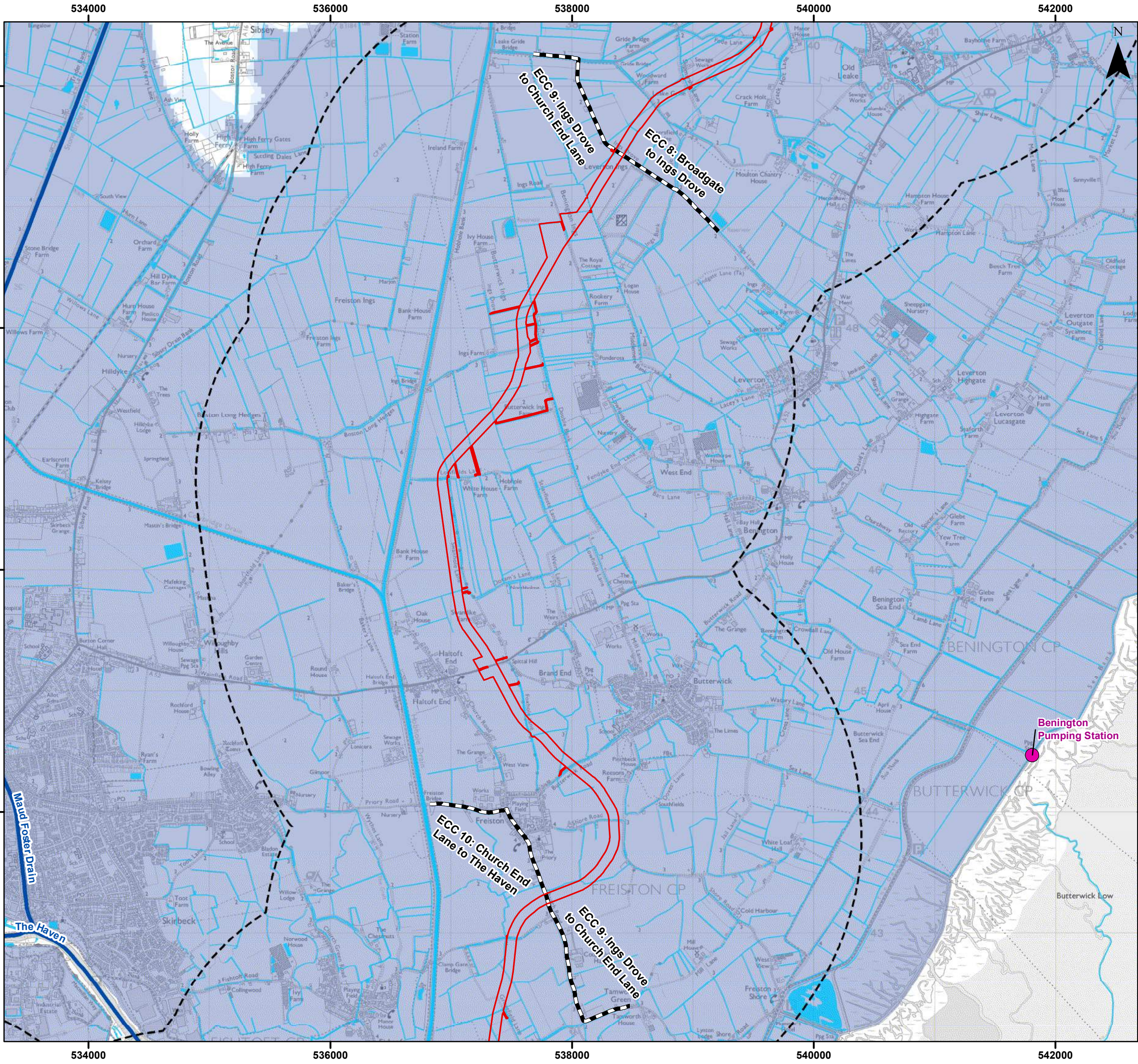
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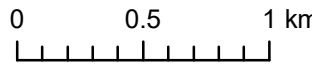
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 9

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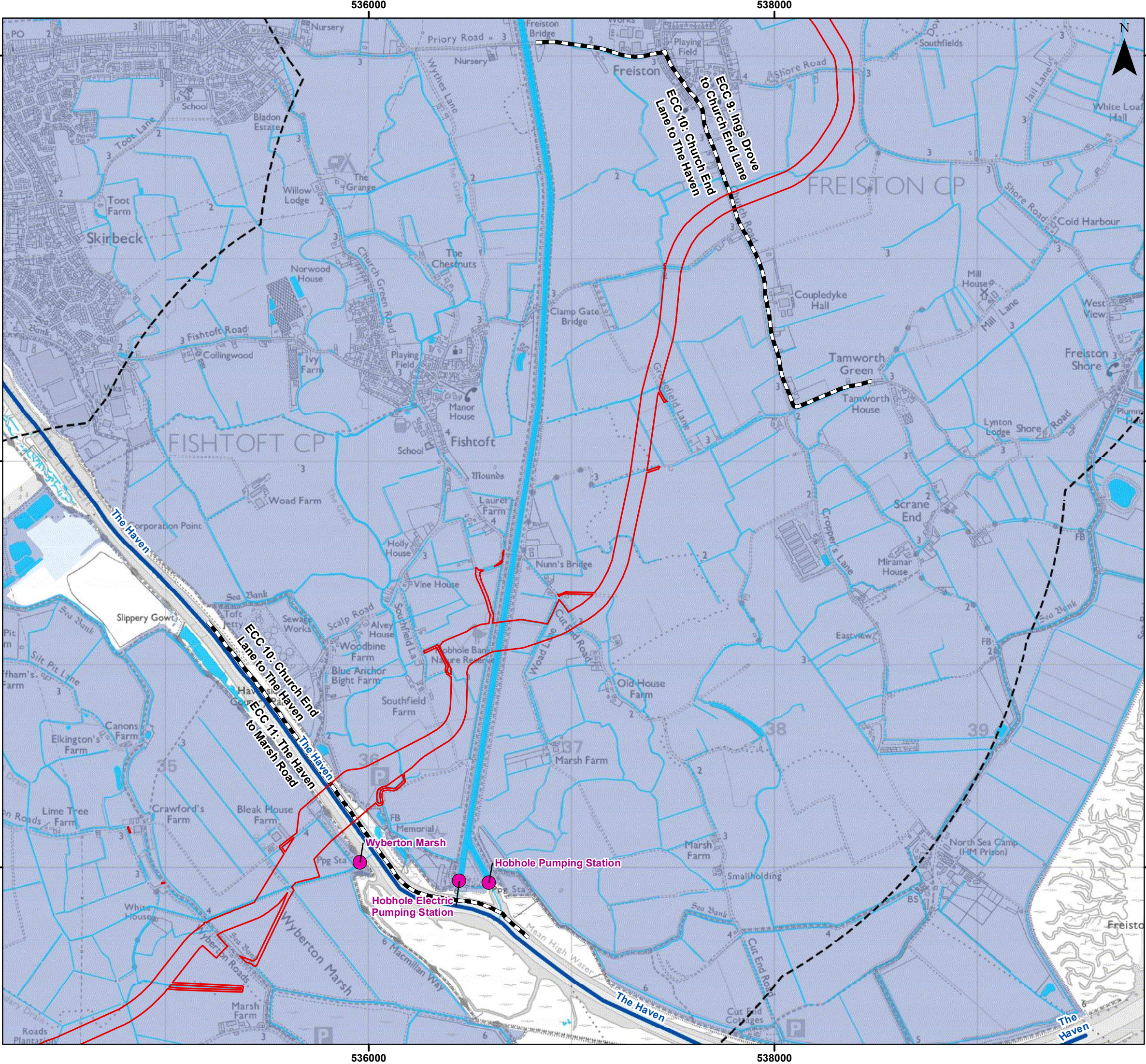


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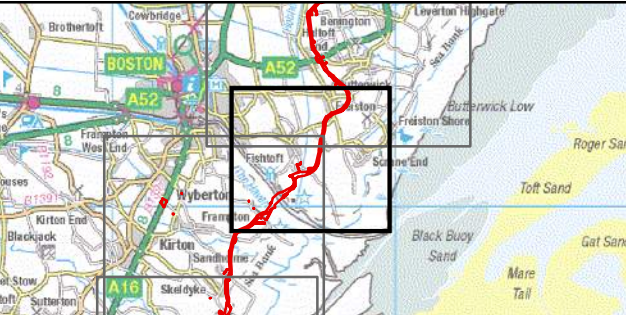
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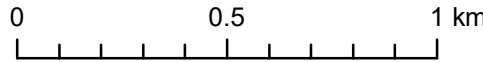
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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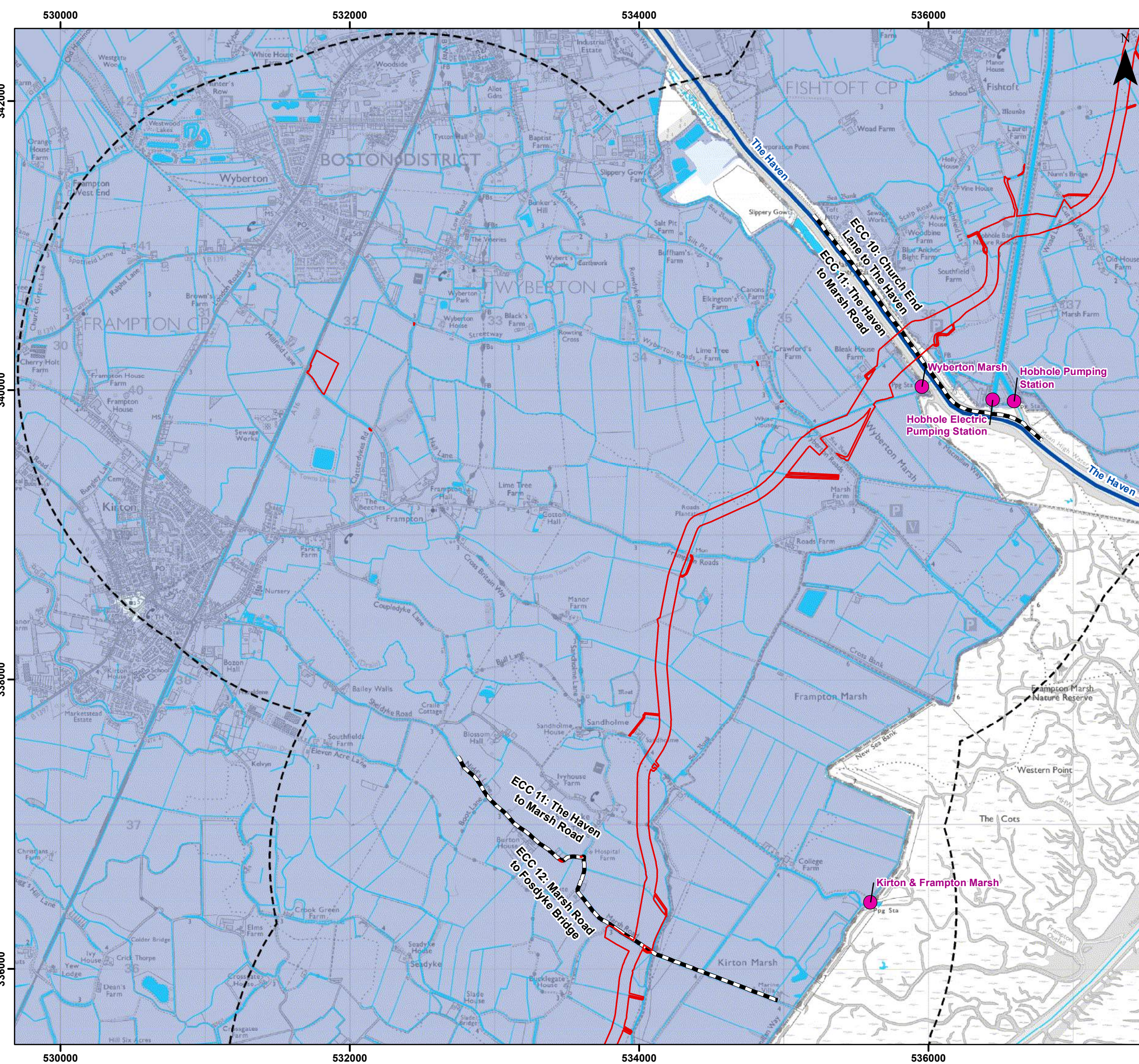
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- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
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Watercourses and Flood Zones: ECC 11

Figure 24.4.11

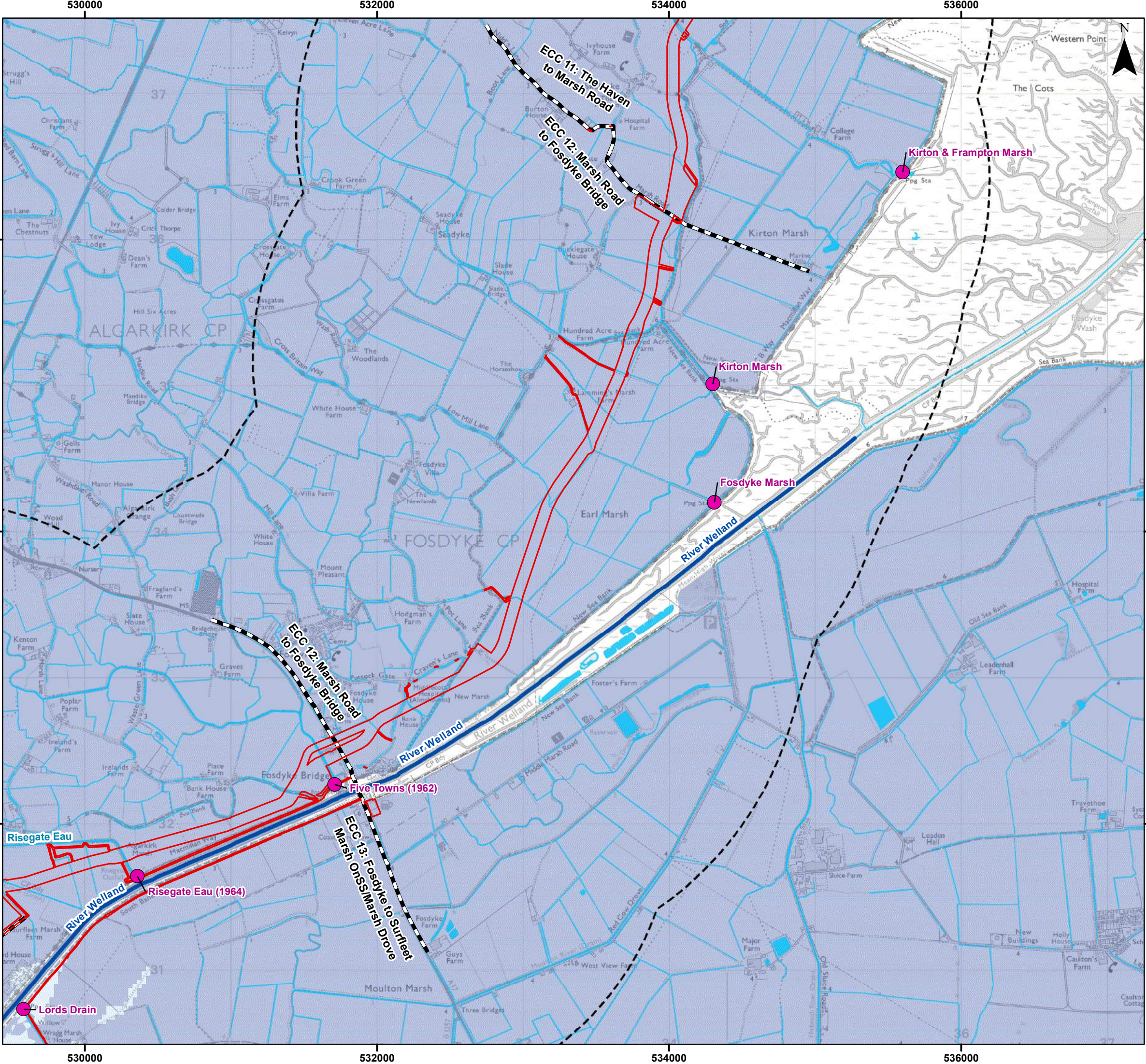
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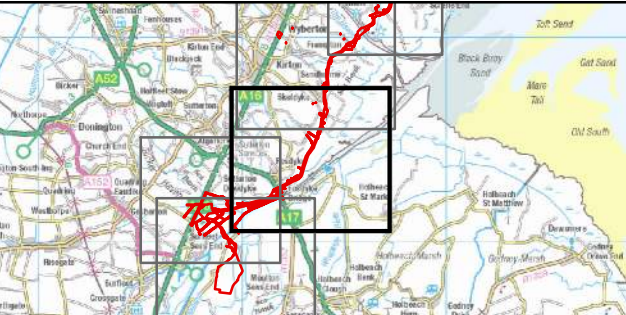
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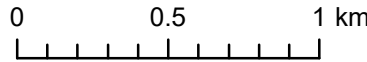
Legend

- Order Limits
- Onshore Segment Break
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- Pumping Station
- Statutory Main River
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- Waterbody
- Environment Agency Flood Zone 3
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Watercourses and Flood Zones: ECC 12

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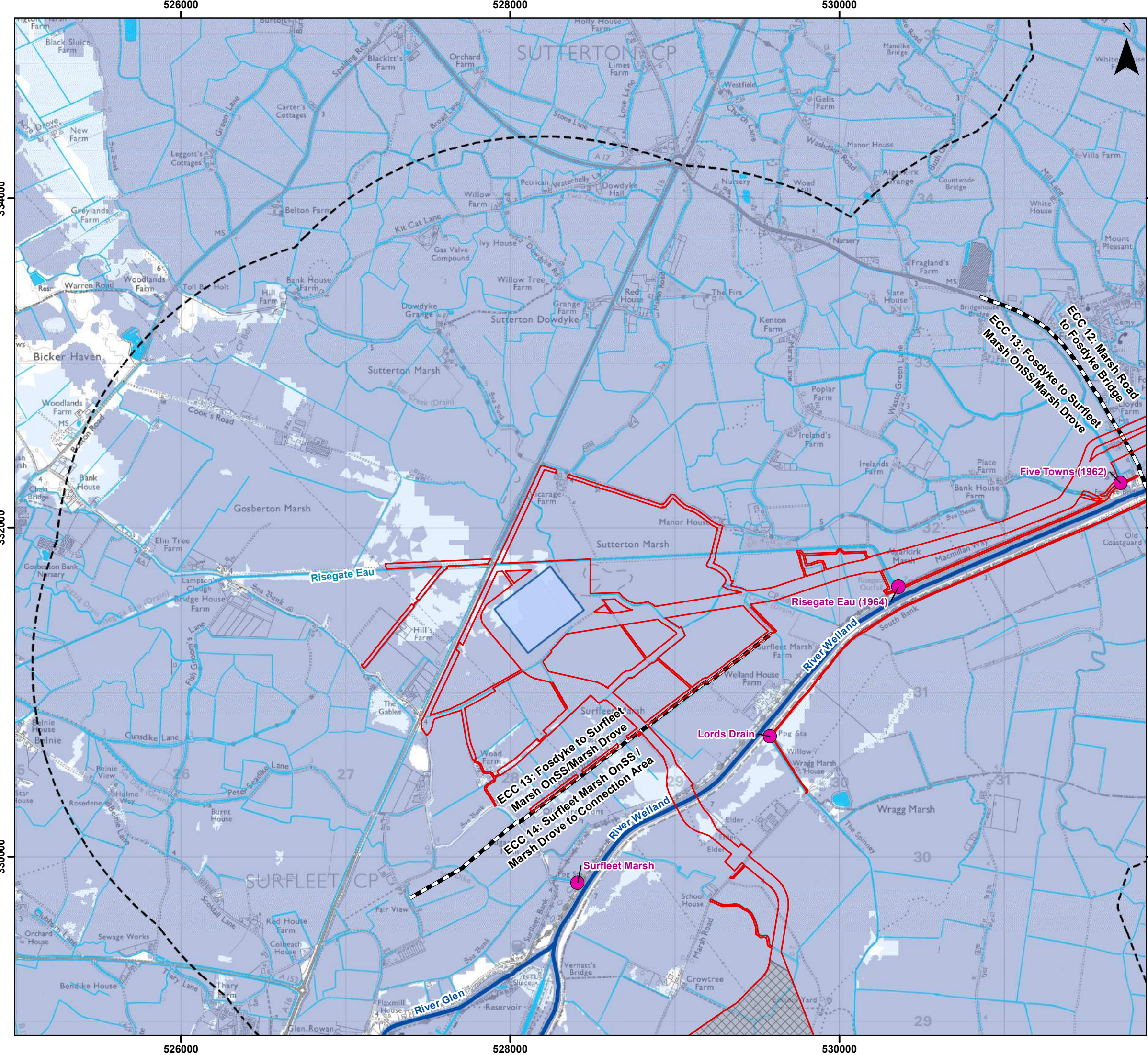


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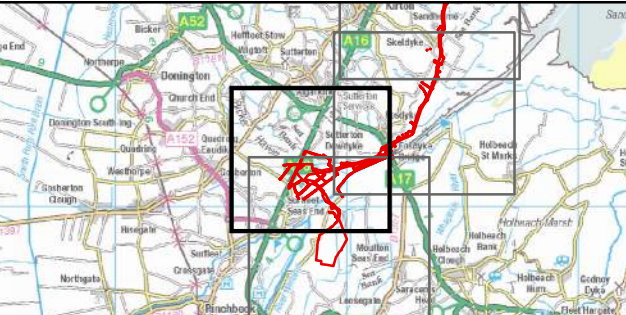
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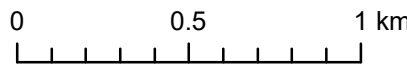
Legend

- Order Limits
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- Onshore Substation (OnSS) Footprint
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Watercourses and Flood Zones: ECC 13

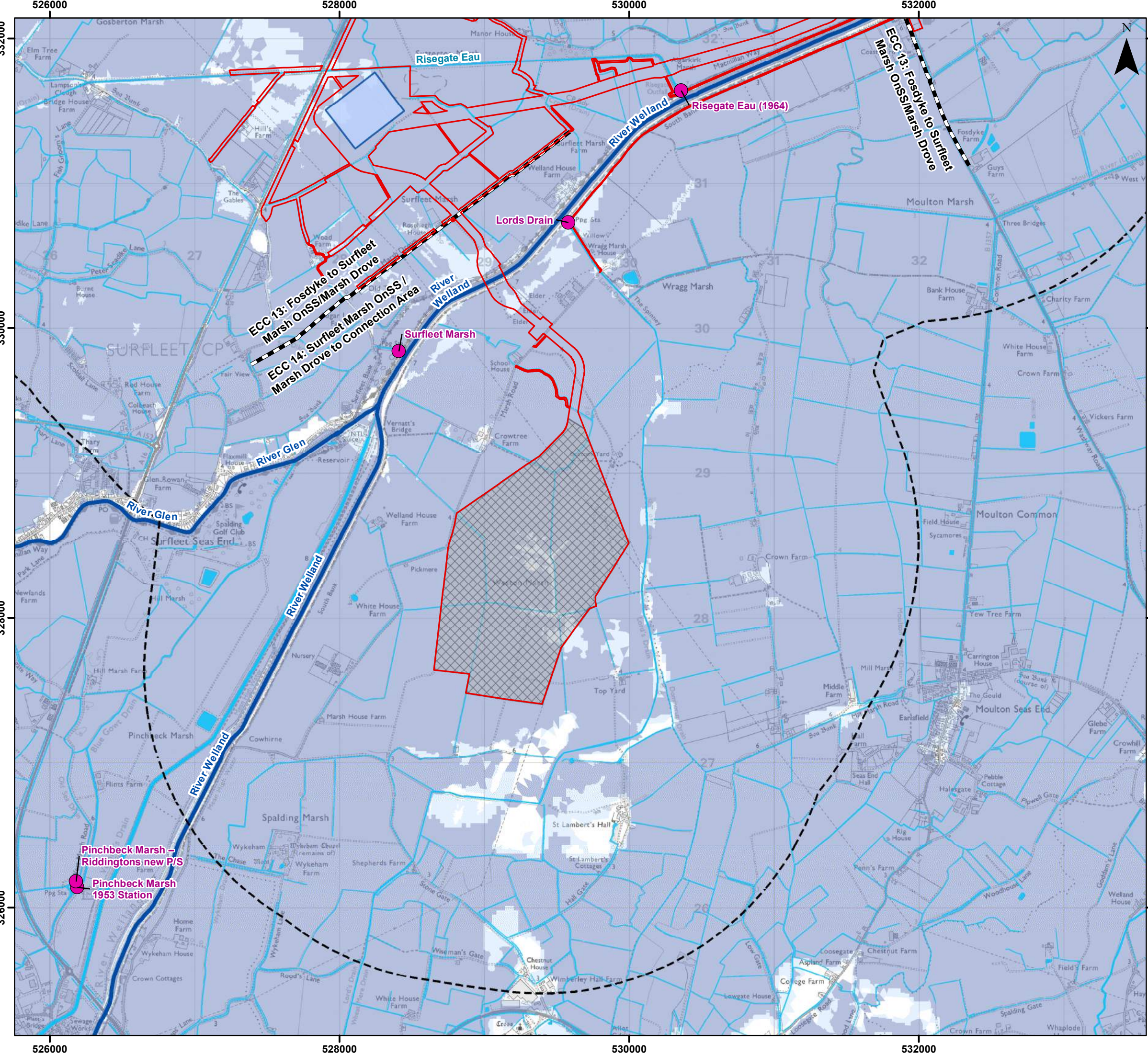
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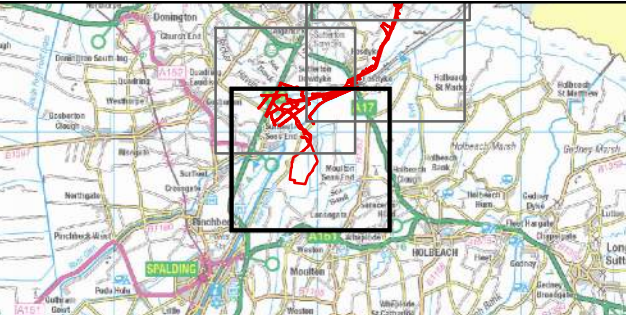
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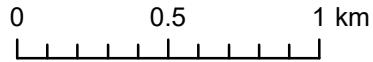
Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

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Watercourses and Flood Zones: ECC 14

Figure 24.4.14

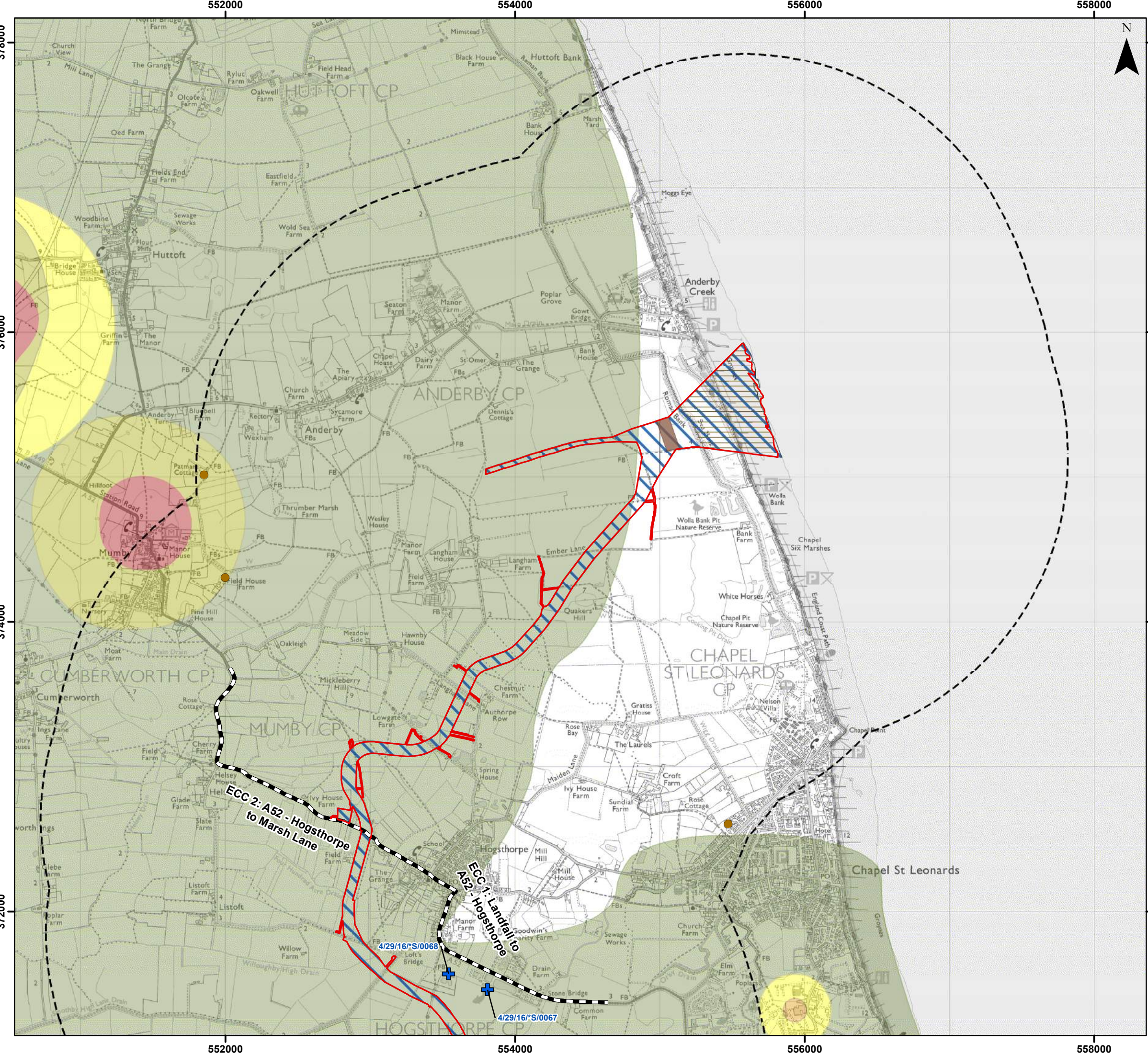


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Legend

- Order Limits
- Onshore Segment Break
- Landfall Trenchless Works
- Transition Joint Bay Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Private Water Supply Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer

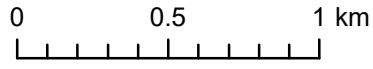
Source Protection Zone

- 1
- 1c
- 2
- 2c
- 3

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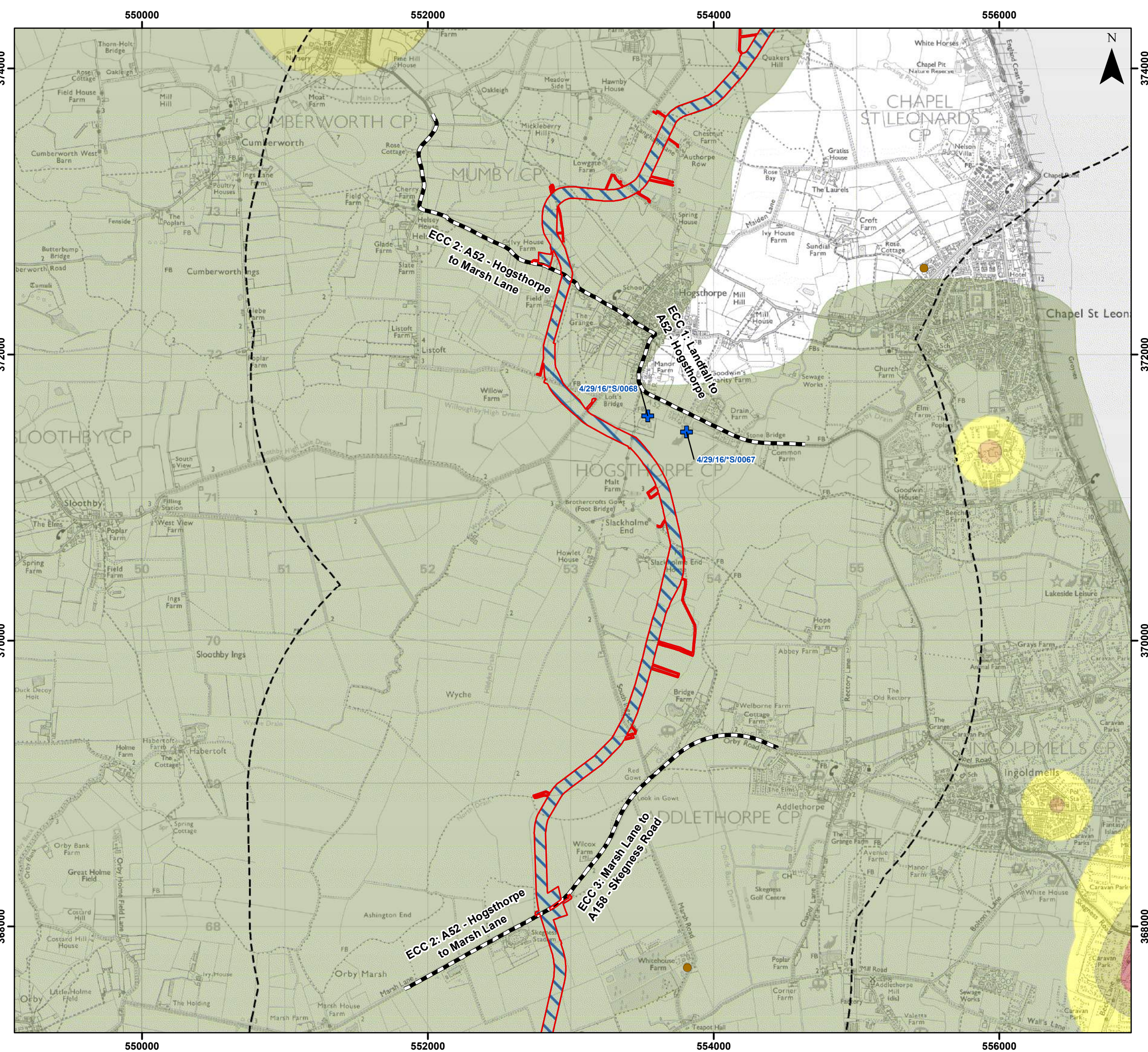
Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
Figure 24.5.1



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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Private Water Supply Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer

Source Protection Zone

- 1
- 1c
- 2
- 2c
- 3

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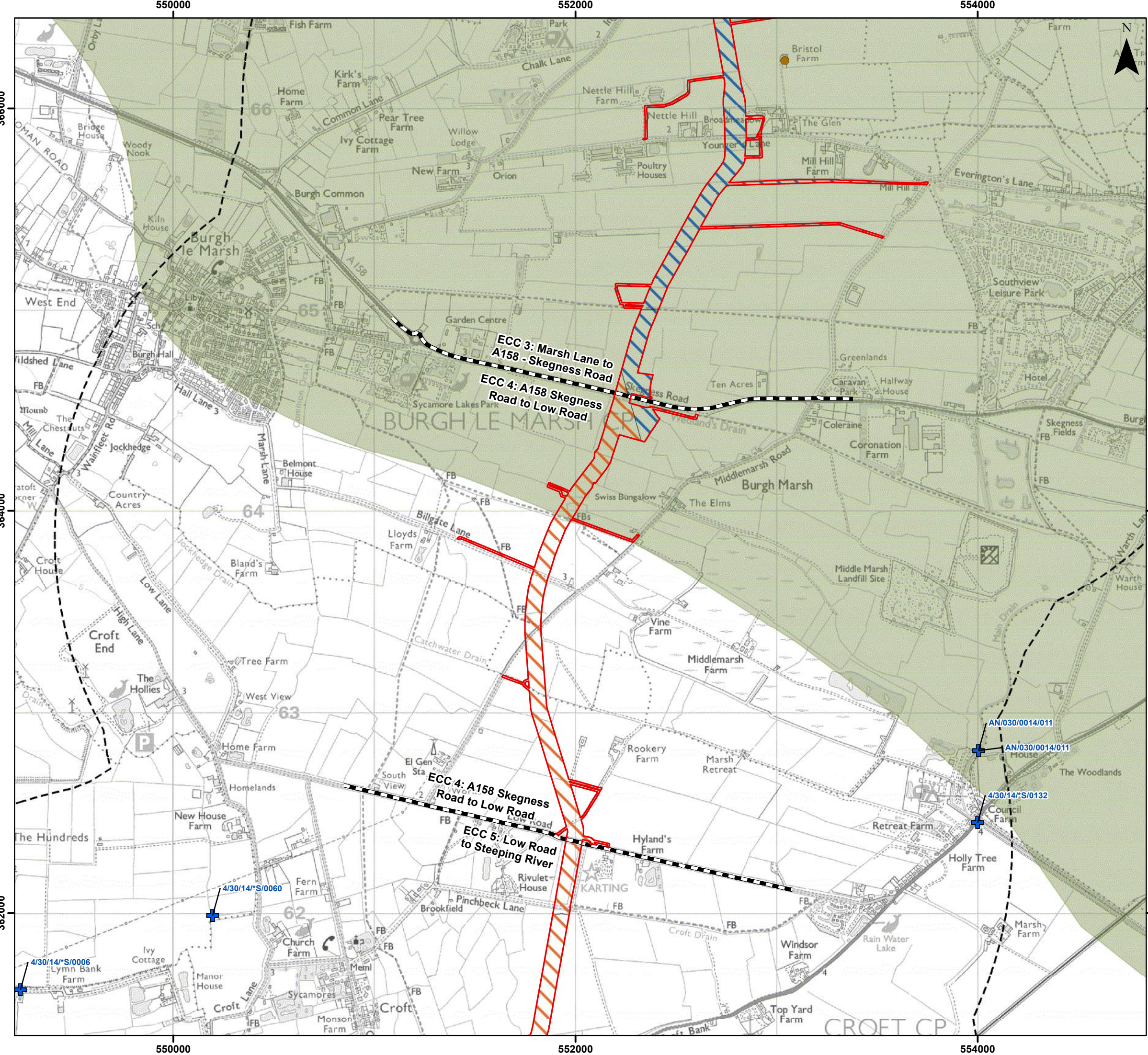
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Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Private Water Supply Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer
- Secondary Aquifer - B

Source Protection Zone

- 3

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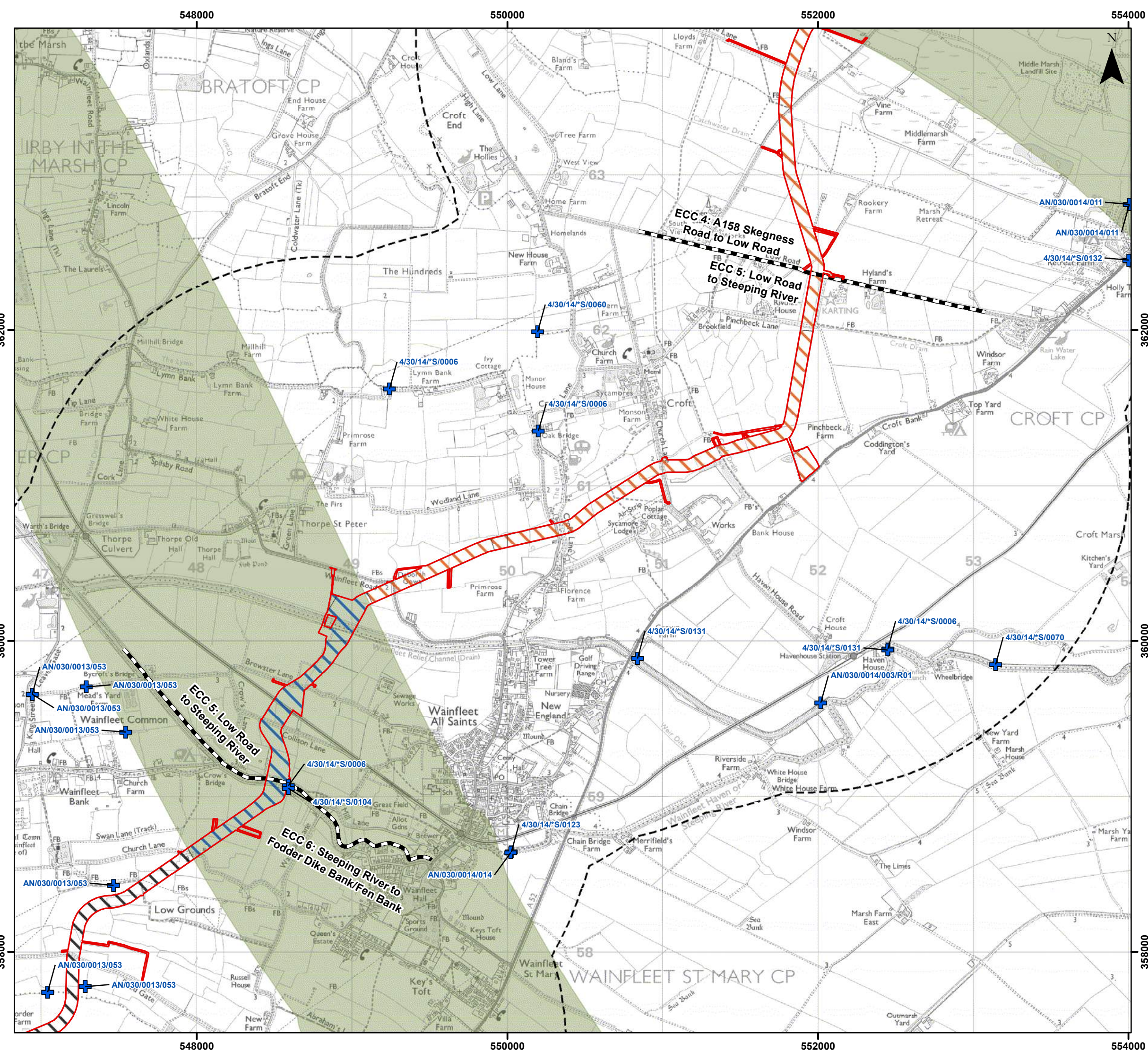
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**Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.4**

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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer
- Secondary Aquifer - B
- Unproductive Strata

Source Protection Zone

- 3

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Coordinate System: British National Grid

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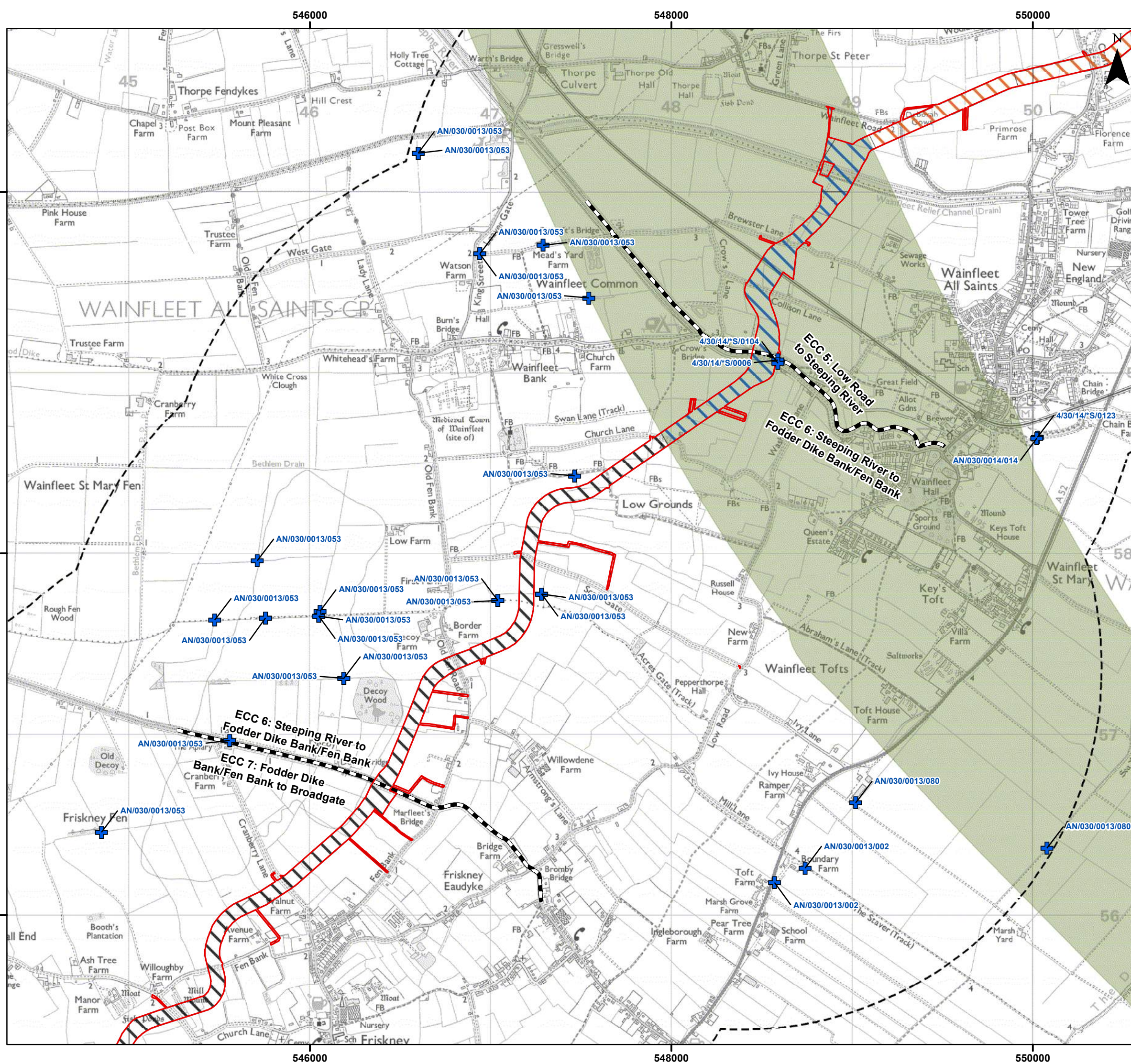
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Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.5

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Legend

-  Order Limits
-  Onshore Segment Break
-  Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
-  Abstraction Licence Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

-  Principal Aquifer
-  Secondary Aquifer - B
-  Unproductive Strata

Source Protection Zone

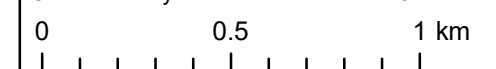
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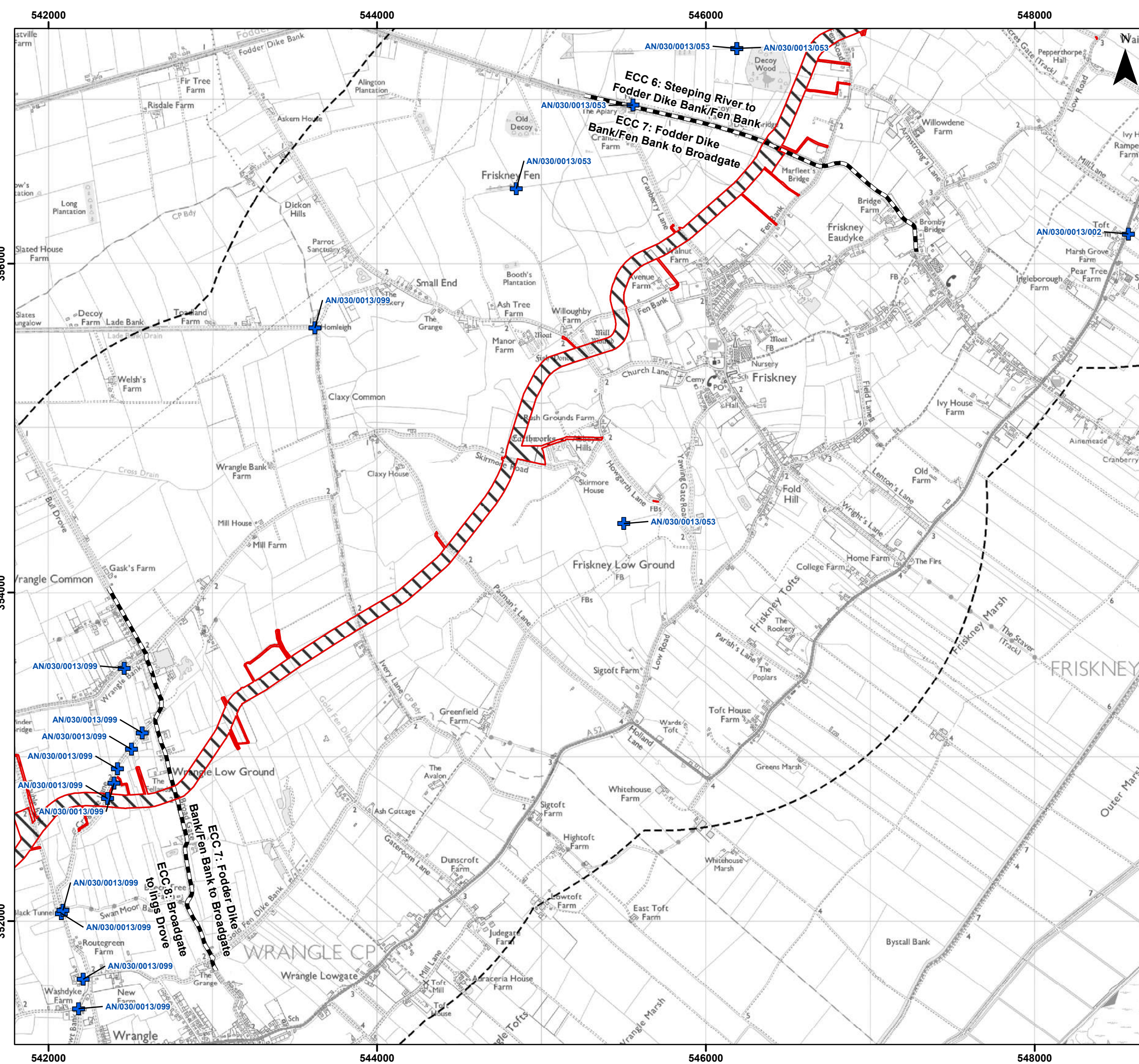
Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.6



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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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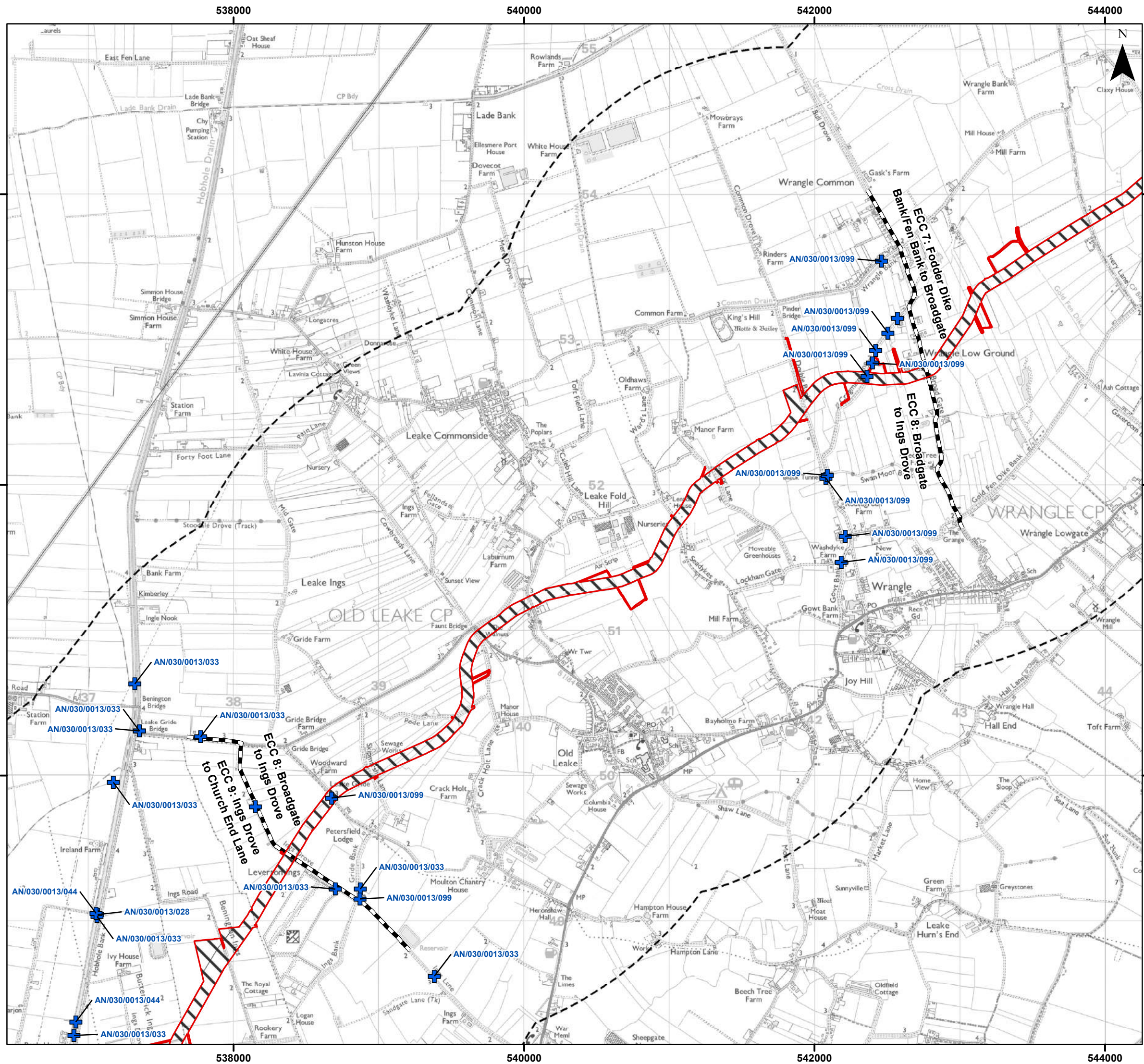
Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.7

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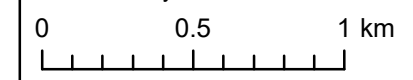
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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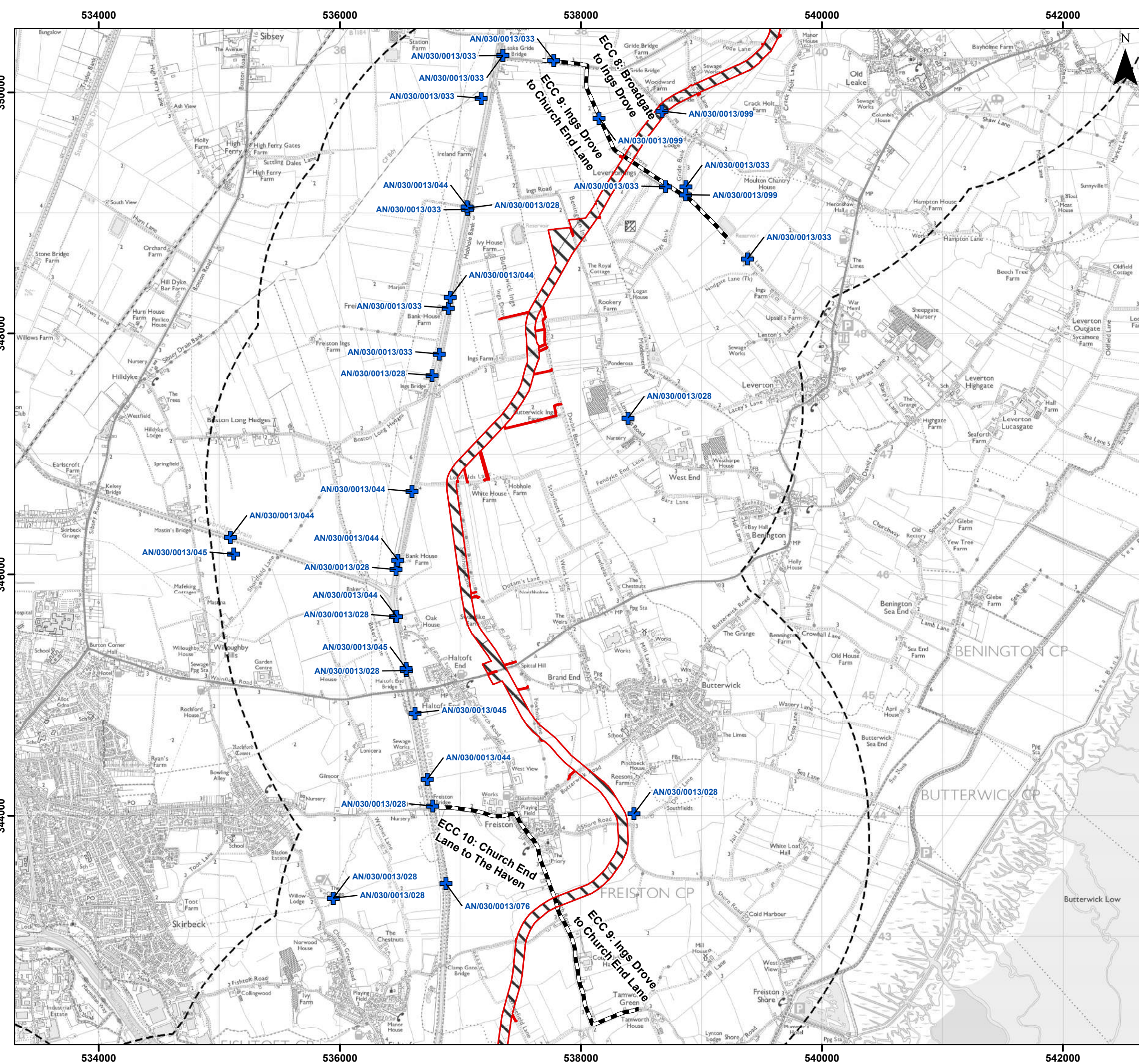
Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
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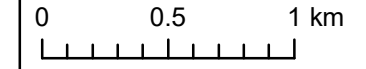
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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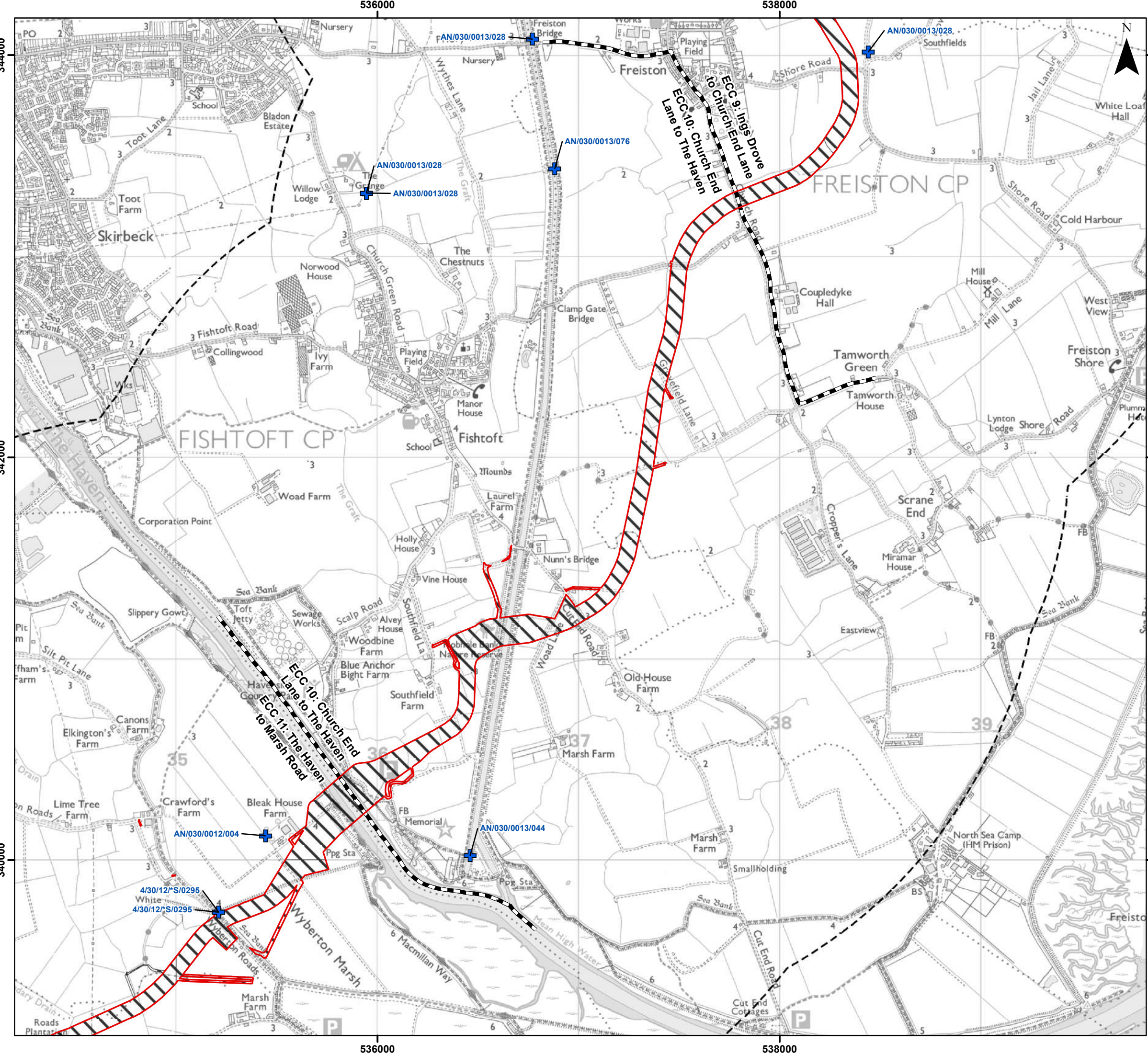
Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
Figure 24.5.9



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Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
Figure 24.5.10



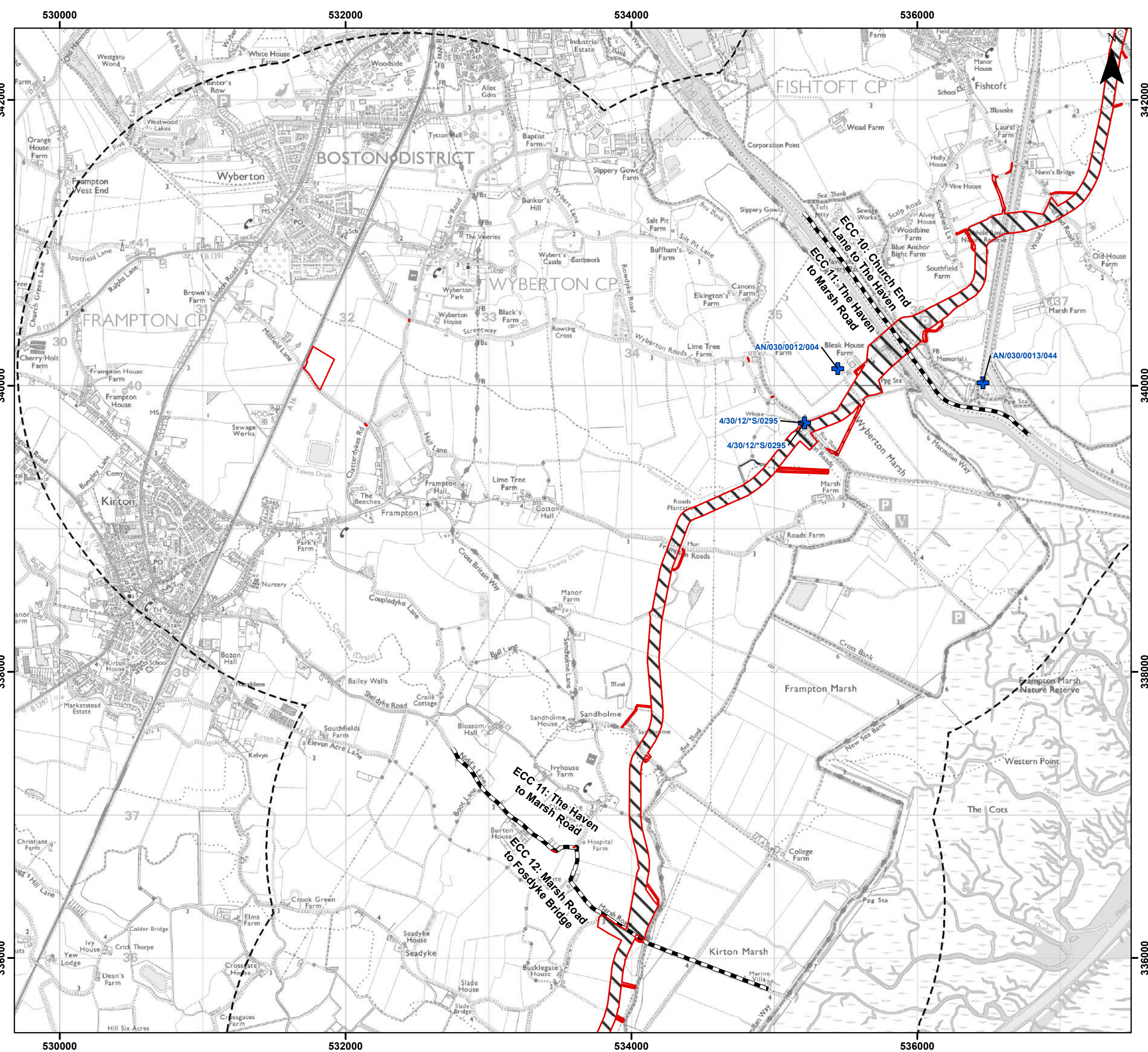
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- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.11

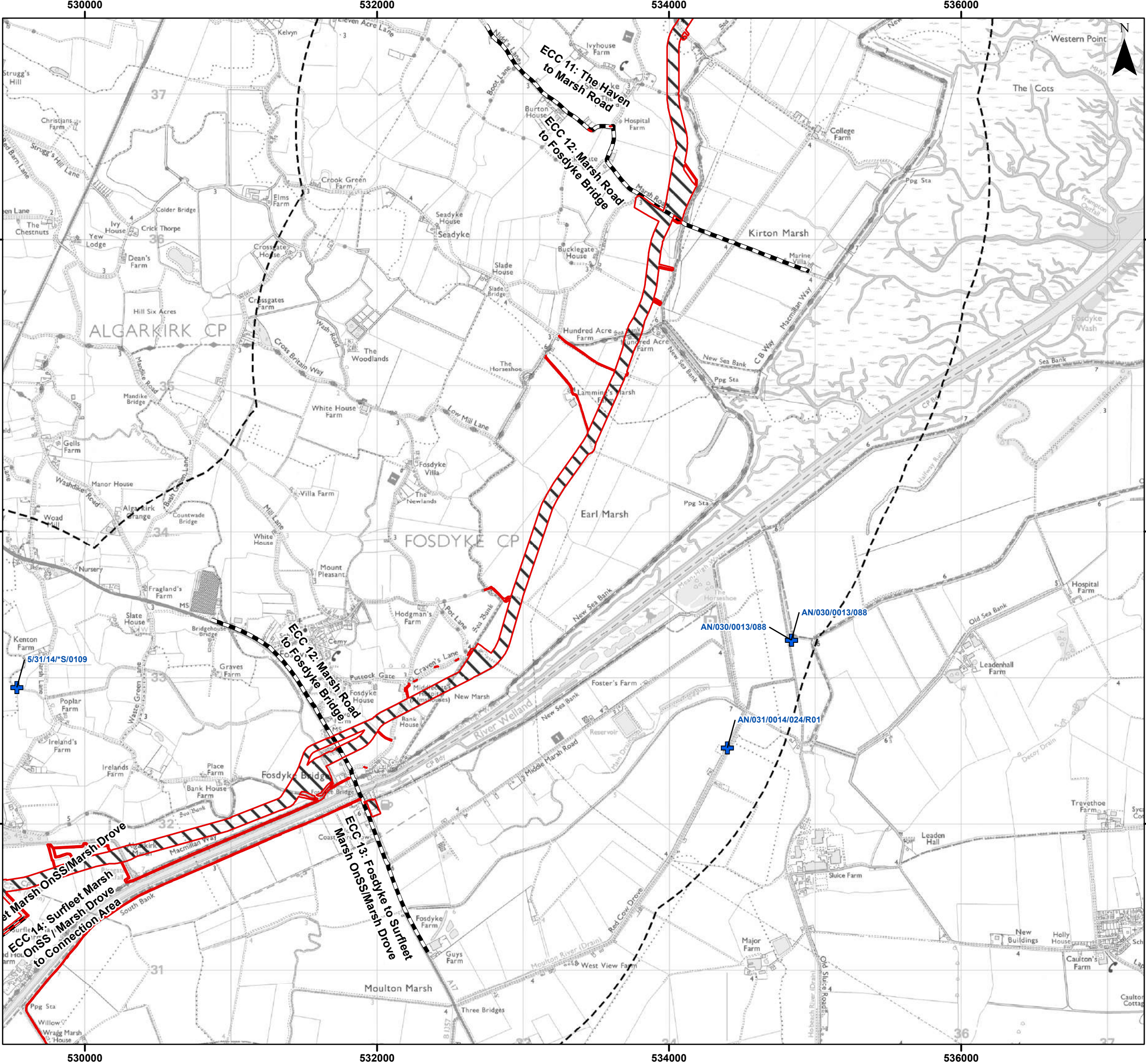
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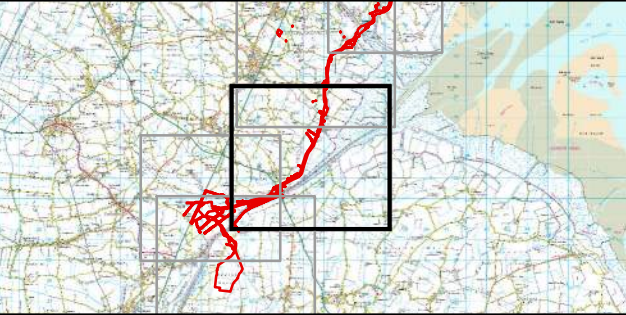
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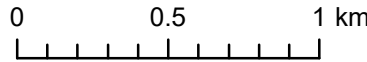
Legend

- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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Aquifer Designations, Source Protection
Zones, Abstraction and Discharge Locations:
Figure 24.5.12

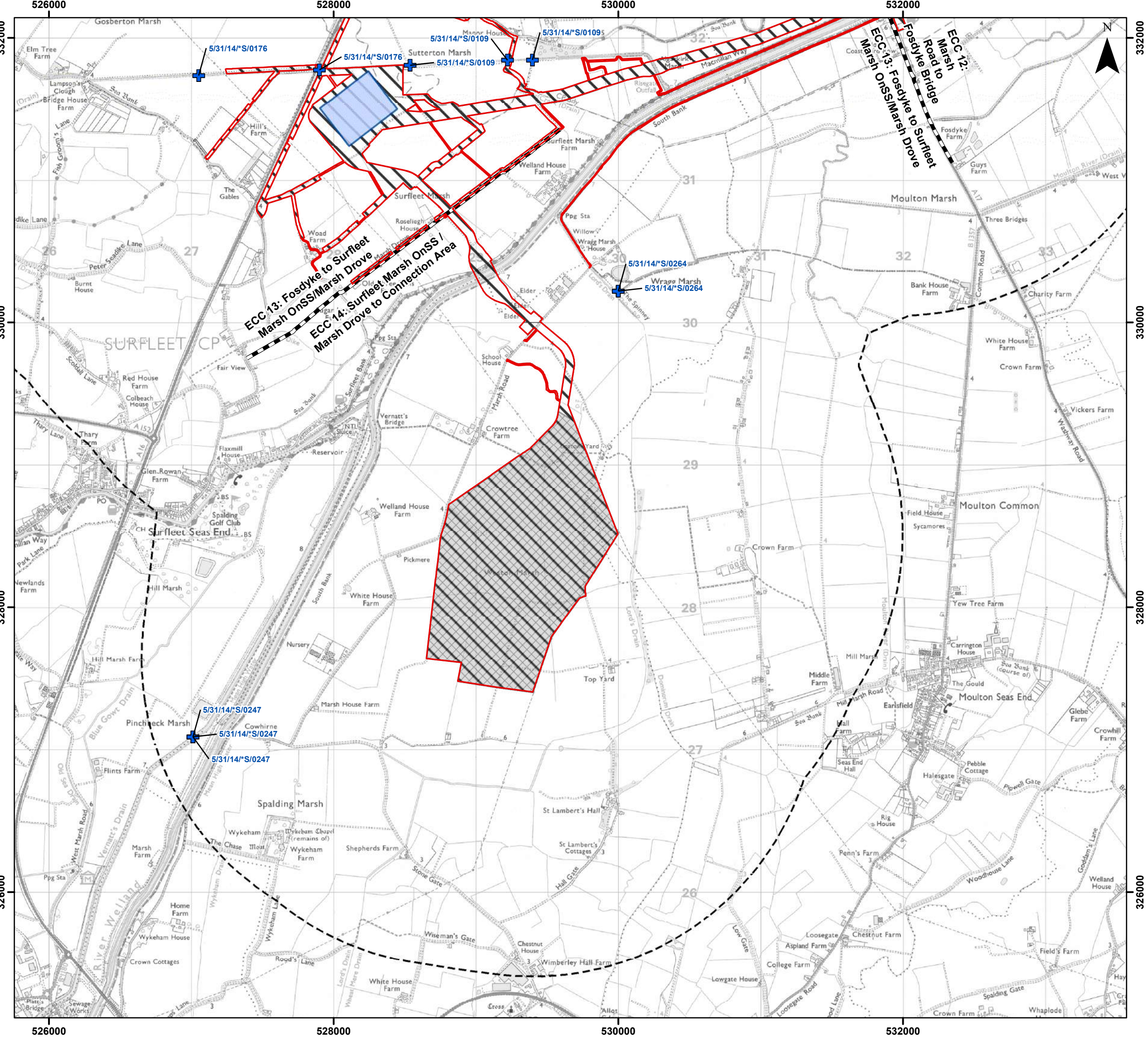


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Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Abstraction Licence Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Unproductive Strata

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Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
Figure 24.5.14

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