

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 24 Hydrology and Flood
Risk

Volume 2 Figures

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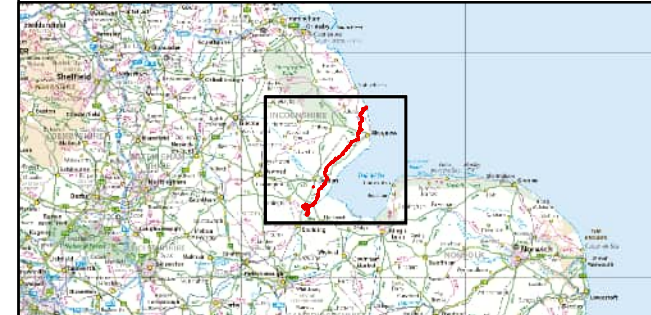
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Legend

- 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)



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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
- Landfall Trenchless Works Area
- Transition Joint Bay 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 24.1.2



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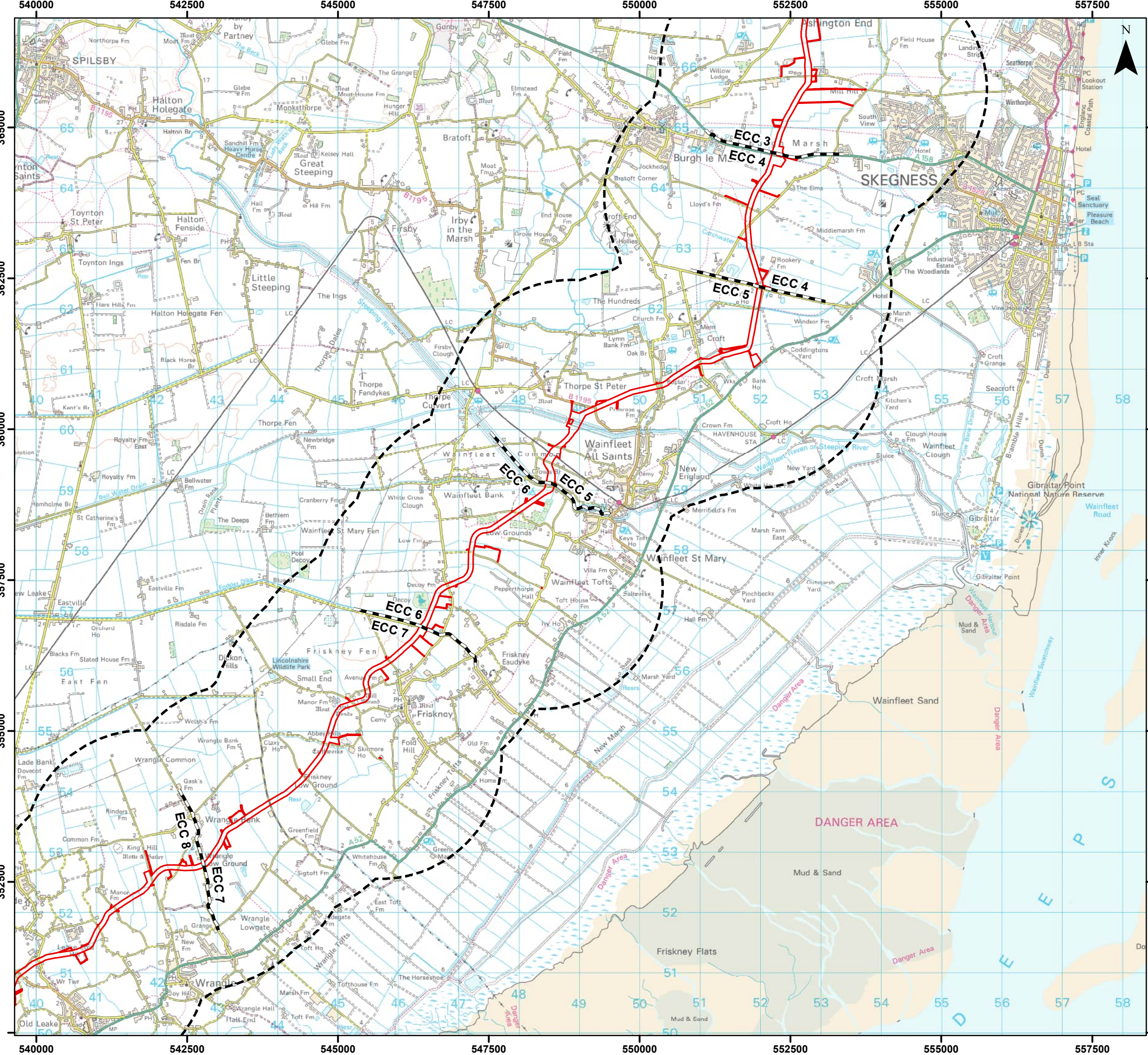


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Legend

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



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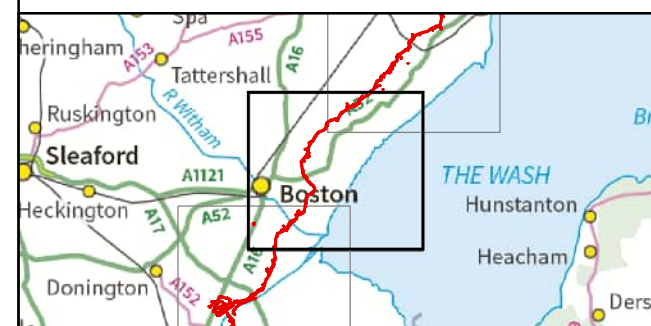
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- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)



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 Hydrology Hydrogeology and Flood Risk Study Area
 Figure 24.1.4



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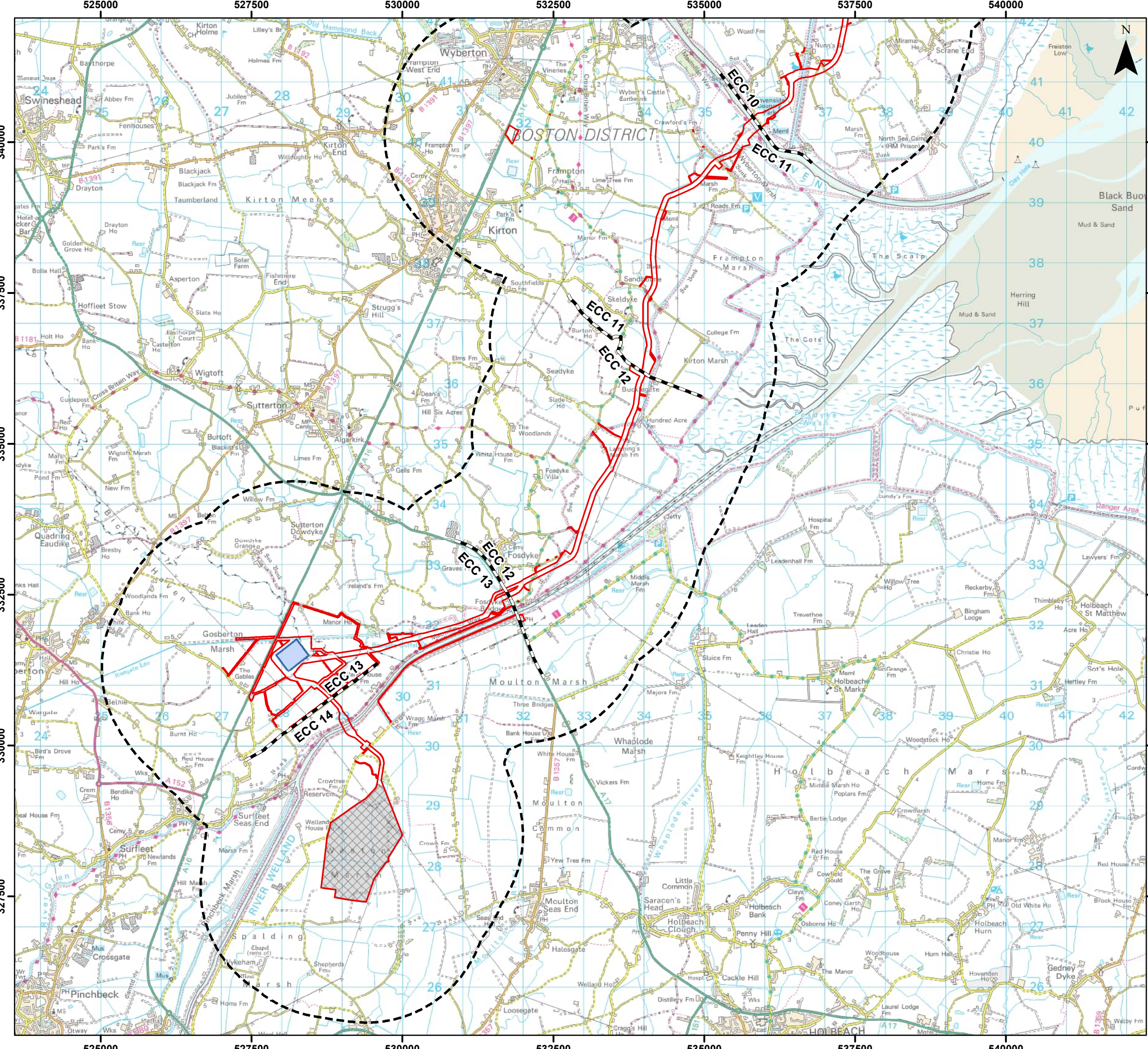


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Legend

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

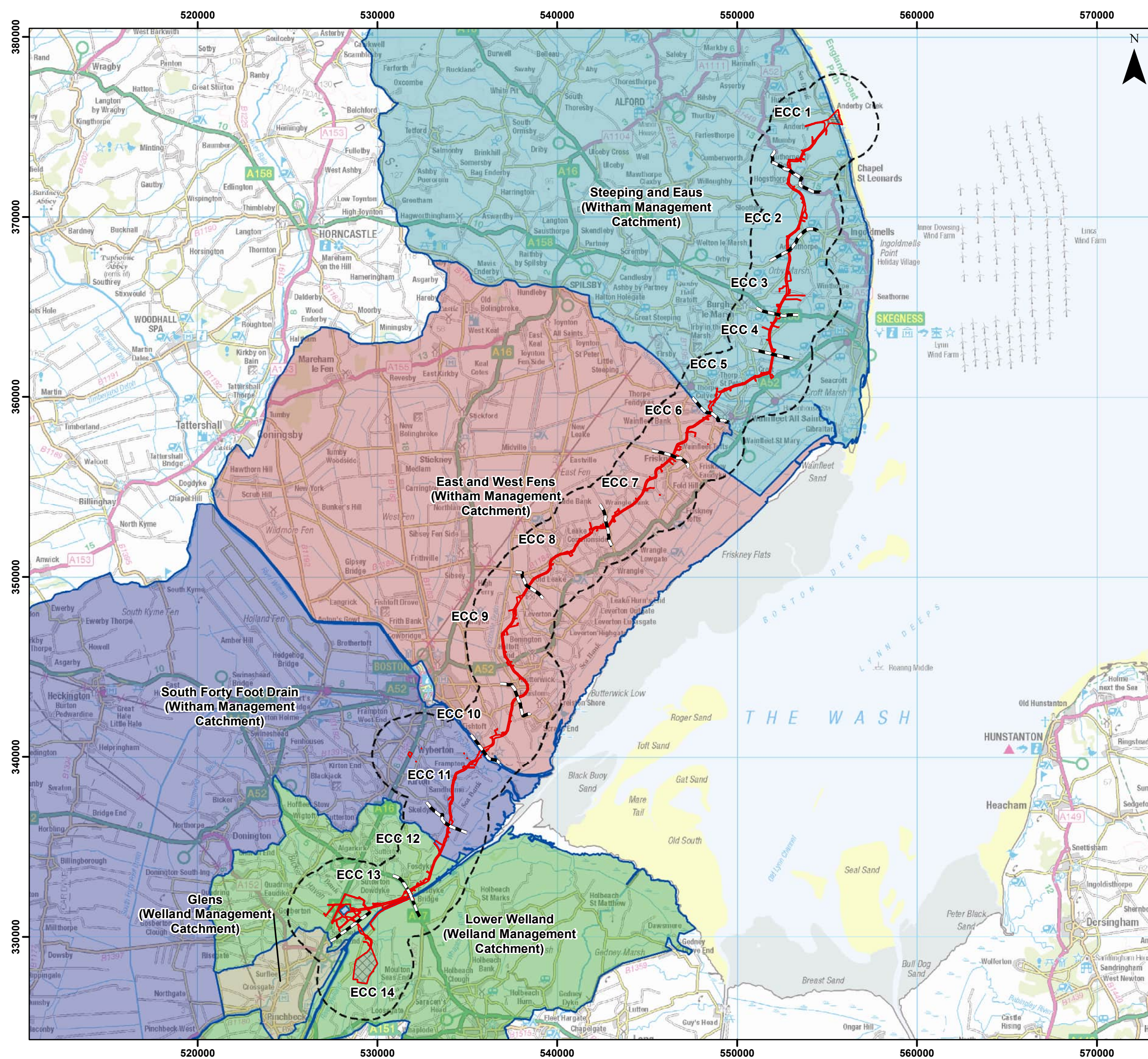


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 Figure 24.1.5



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Legend

- Order Limits
- Onshore Segment Break
- 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)

Surface Water Operational Catchments

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

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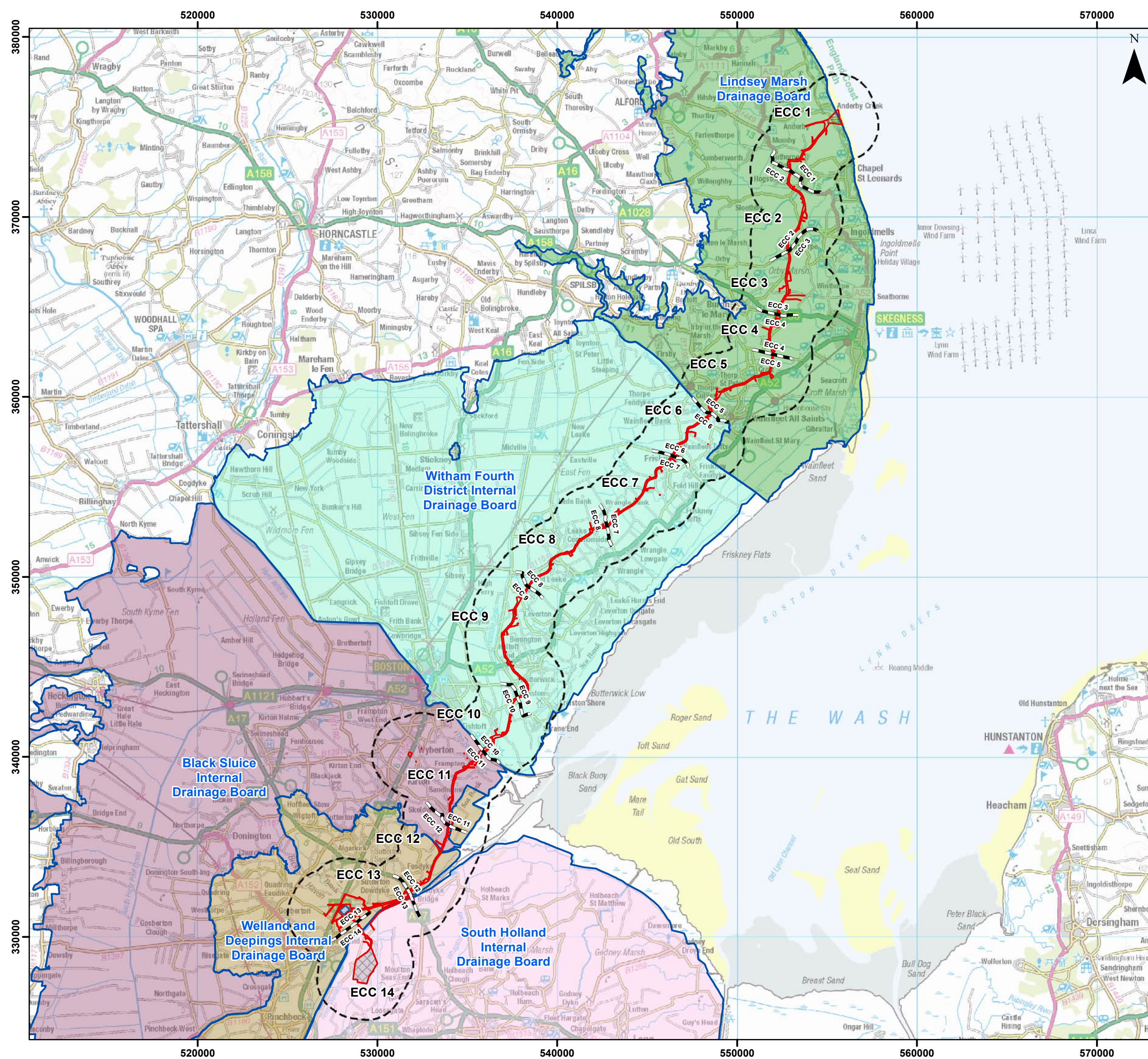
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Legend

- 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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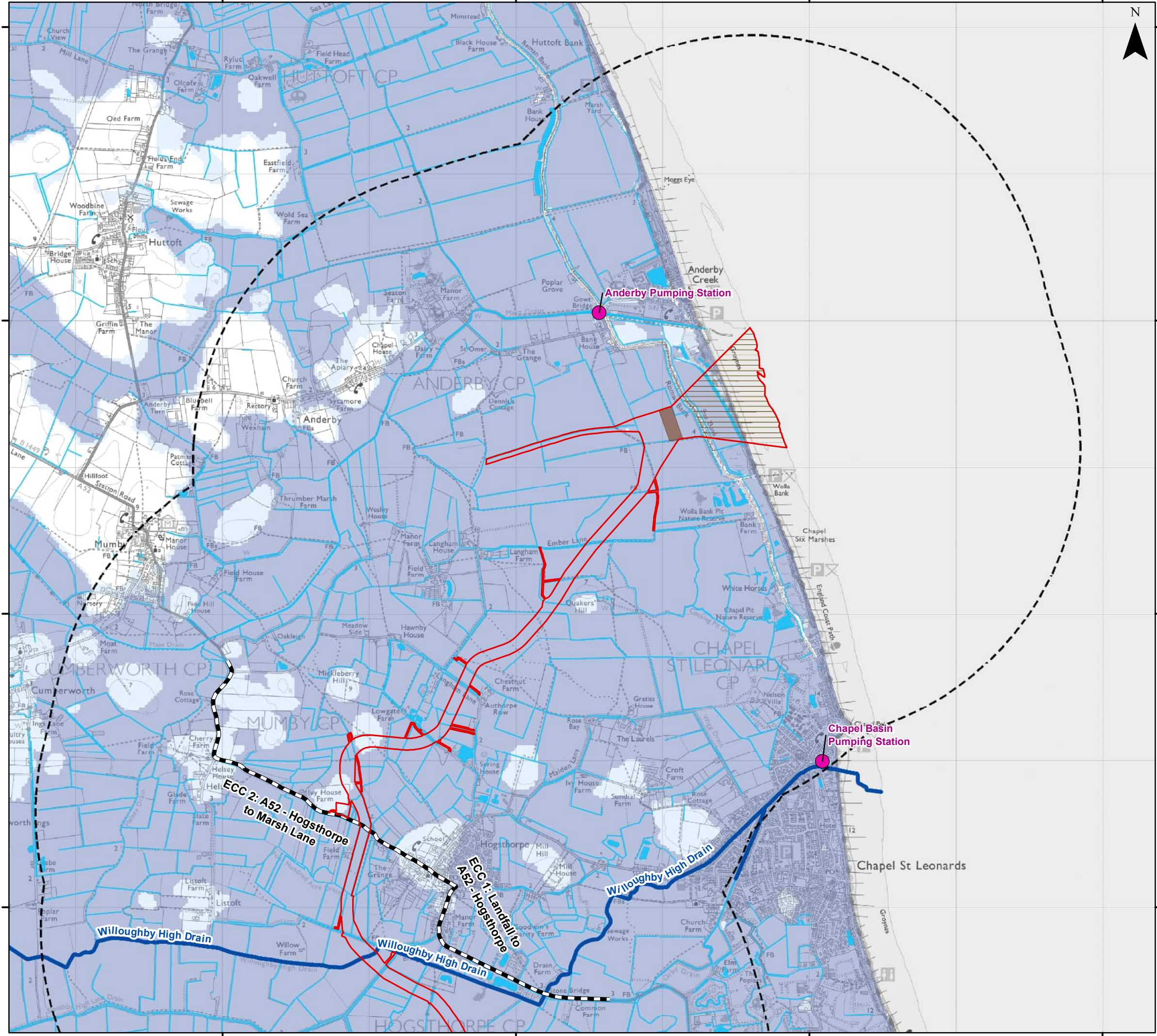
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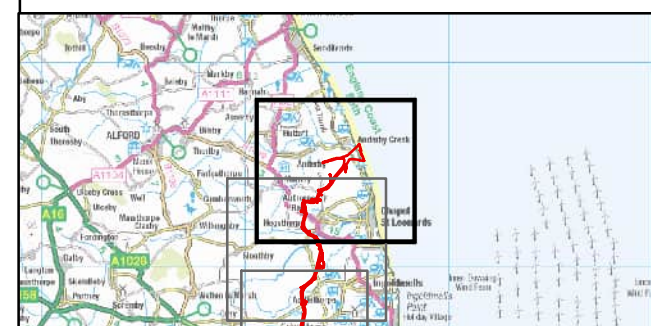
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Legend

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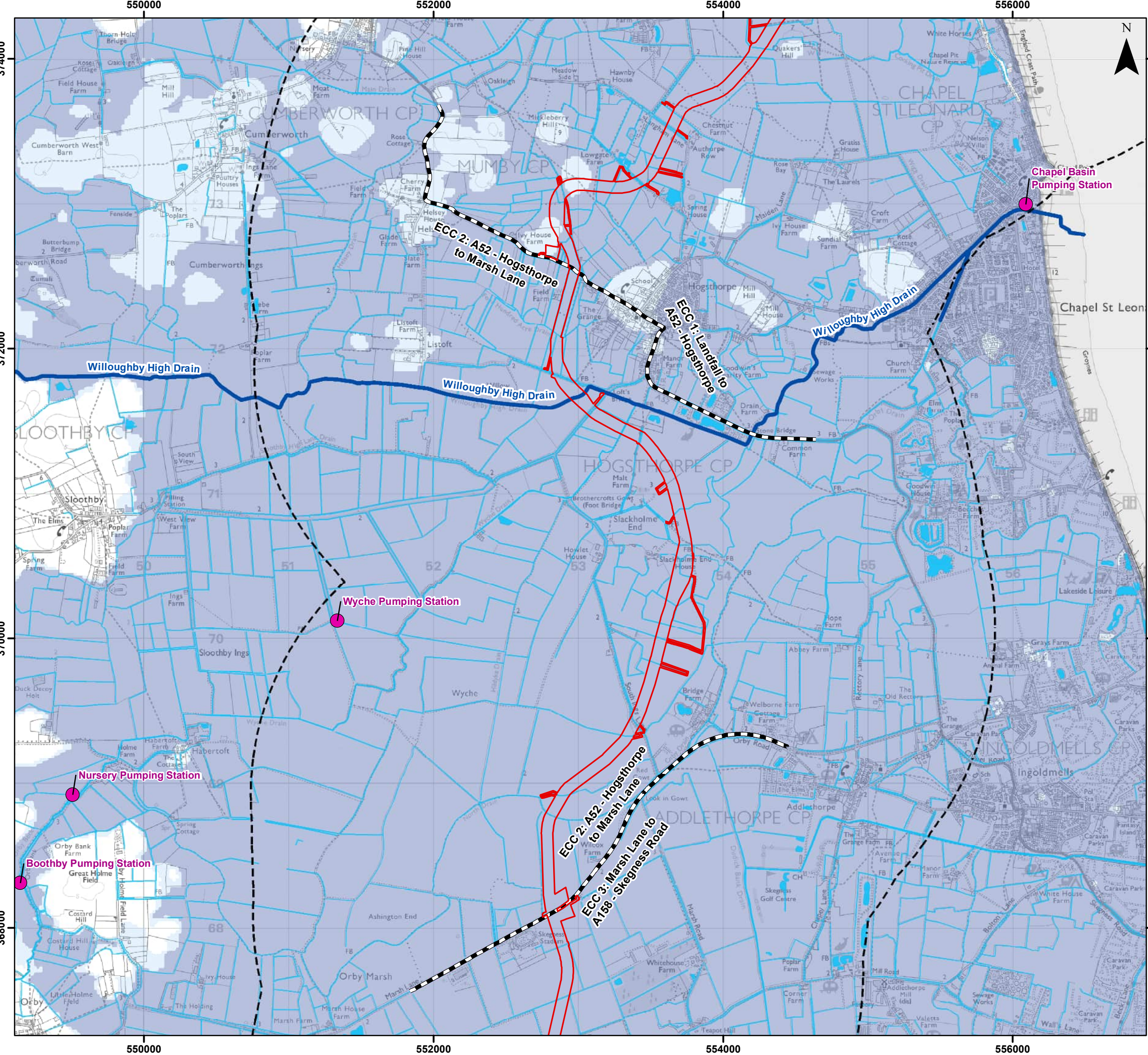
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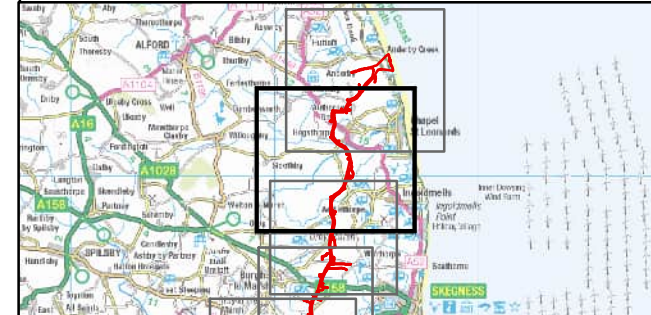
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
 - Pumping Station
 - Statutory Main River
 - Minor Watercourse
 - Waterbody
 - Environment Agency Flood Zone 3
 -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

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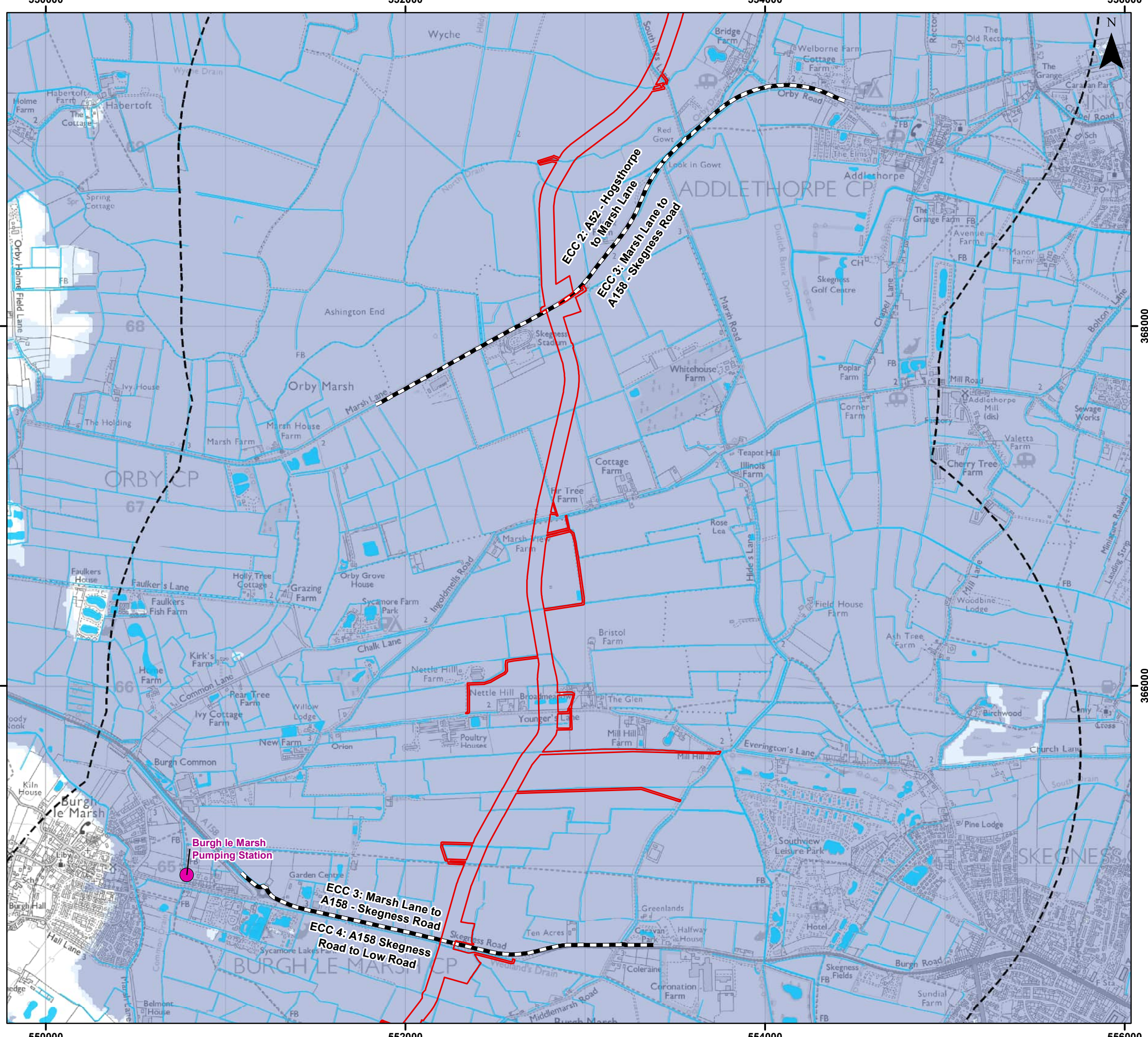
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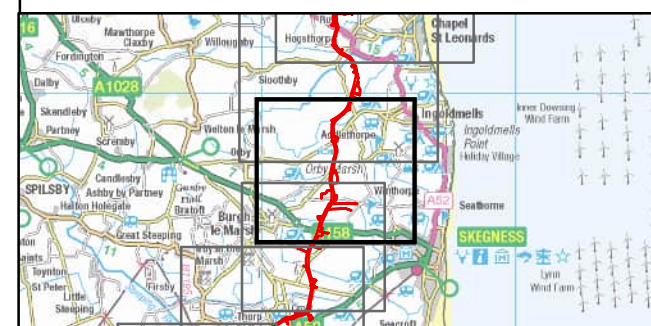
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Legend

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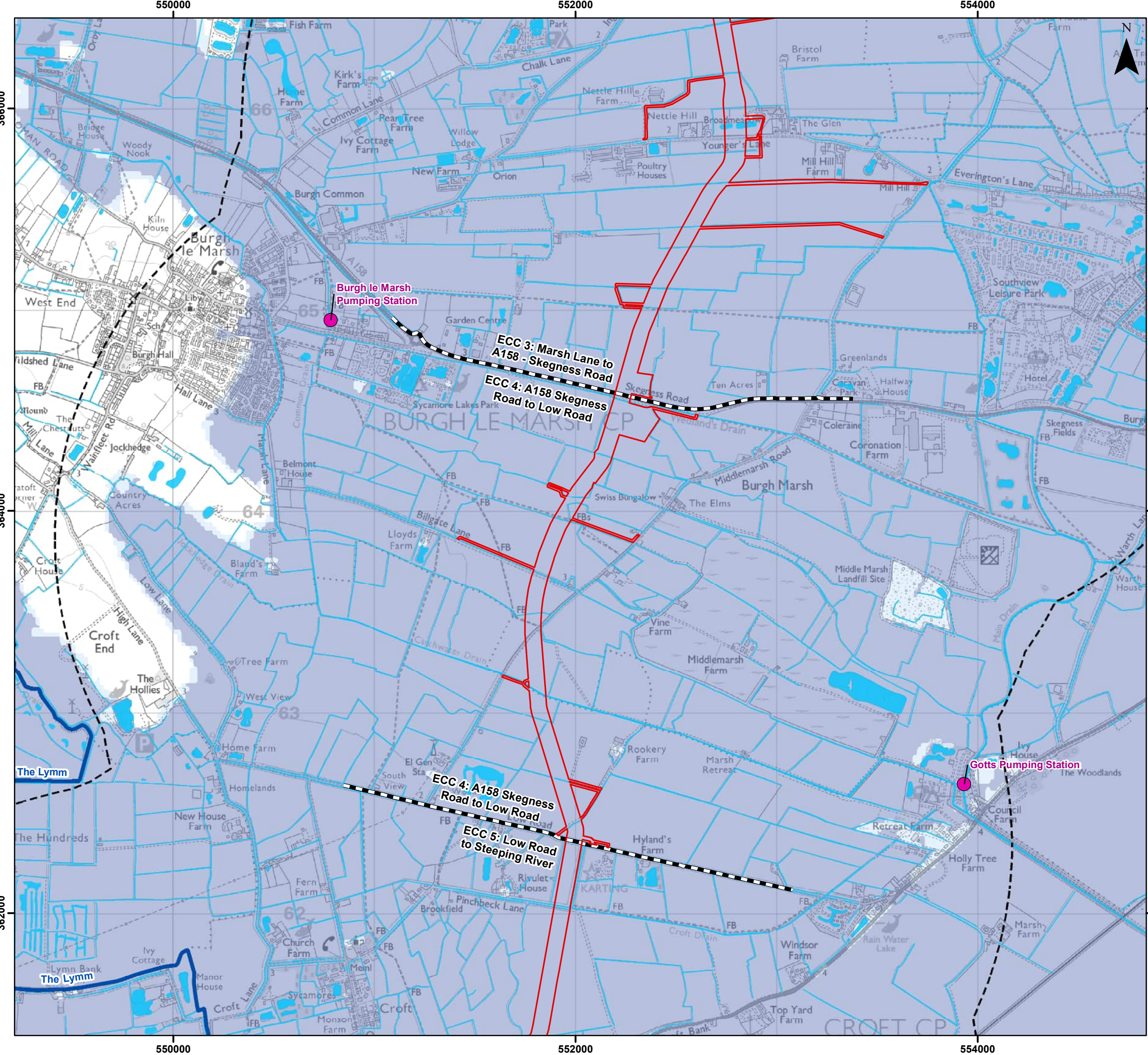
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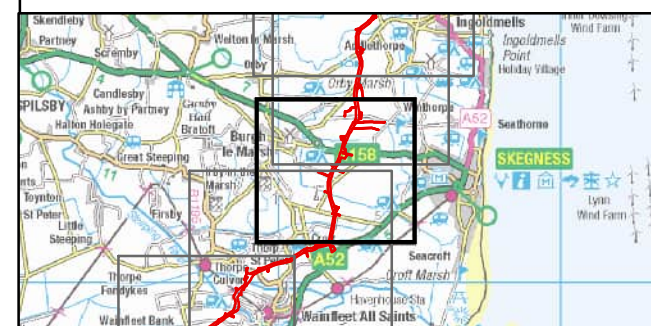
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
 - Pumping Station
 - Statutory Main River
 - Minor Watercourse
 - Waterbody
 - Environment Agency Flood Zone 3
 -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

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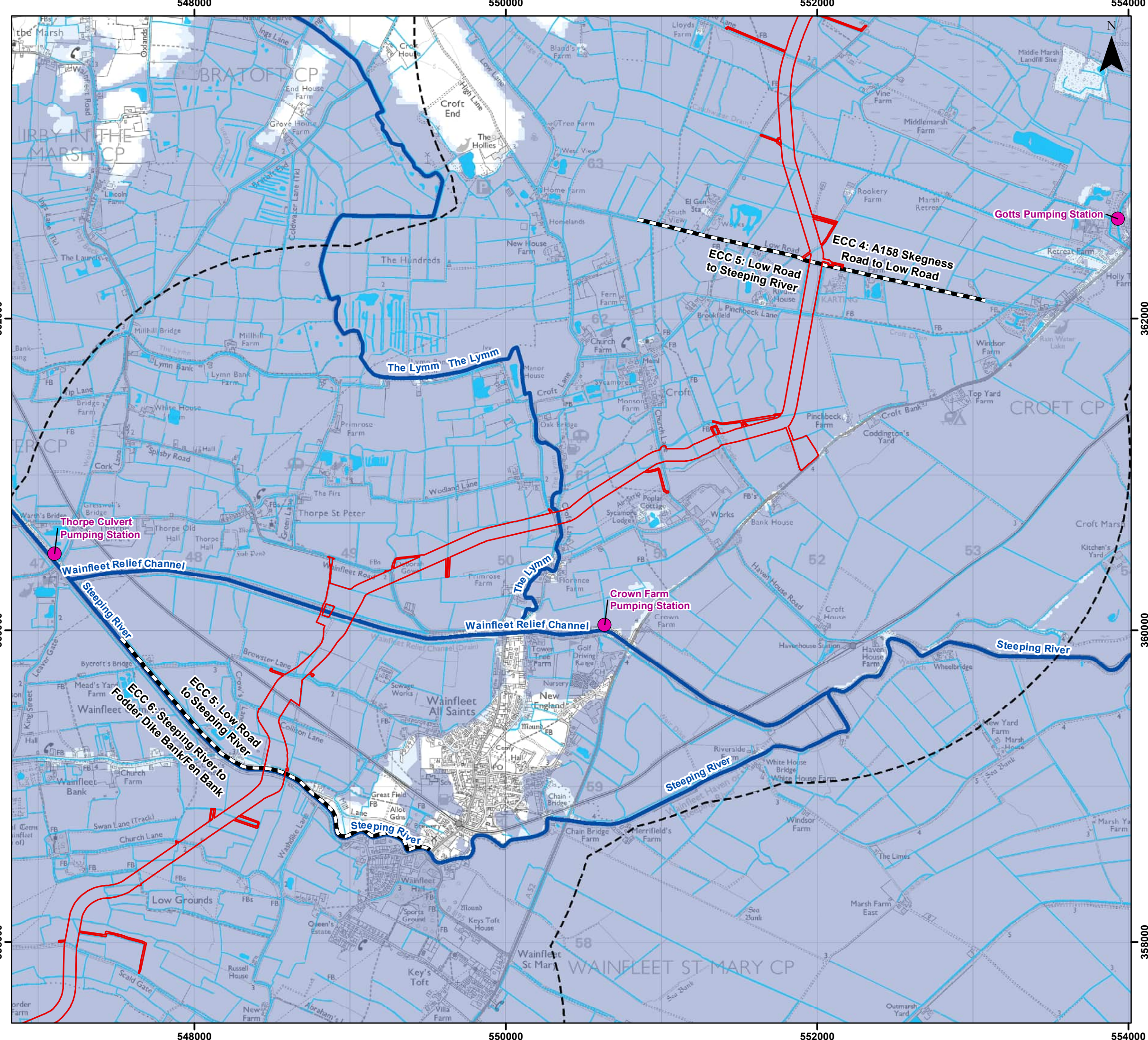
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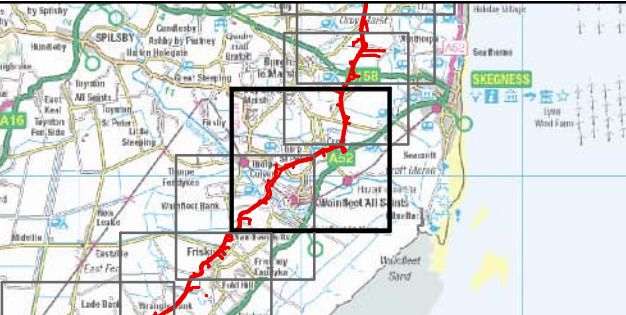
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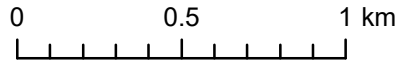
Legend

- 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 5

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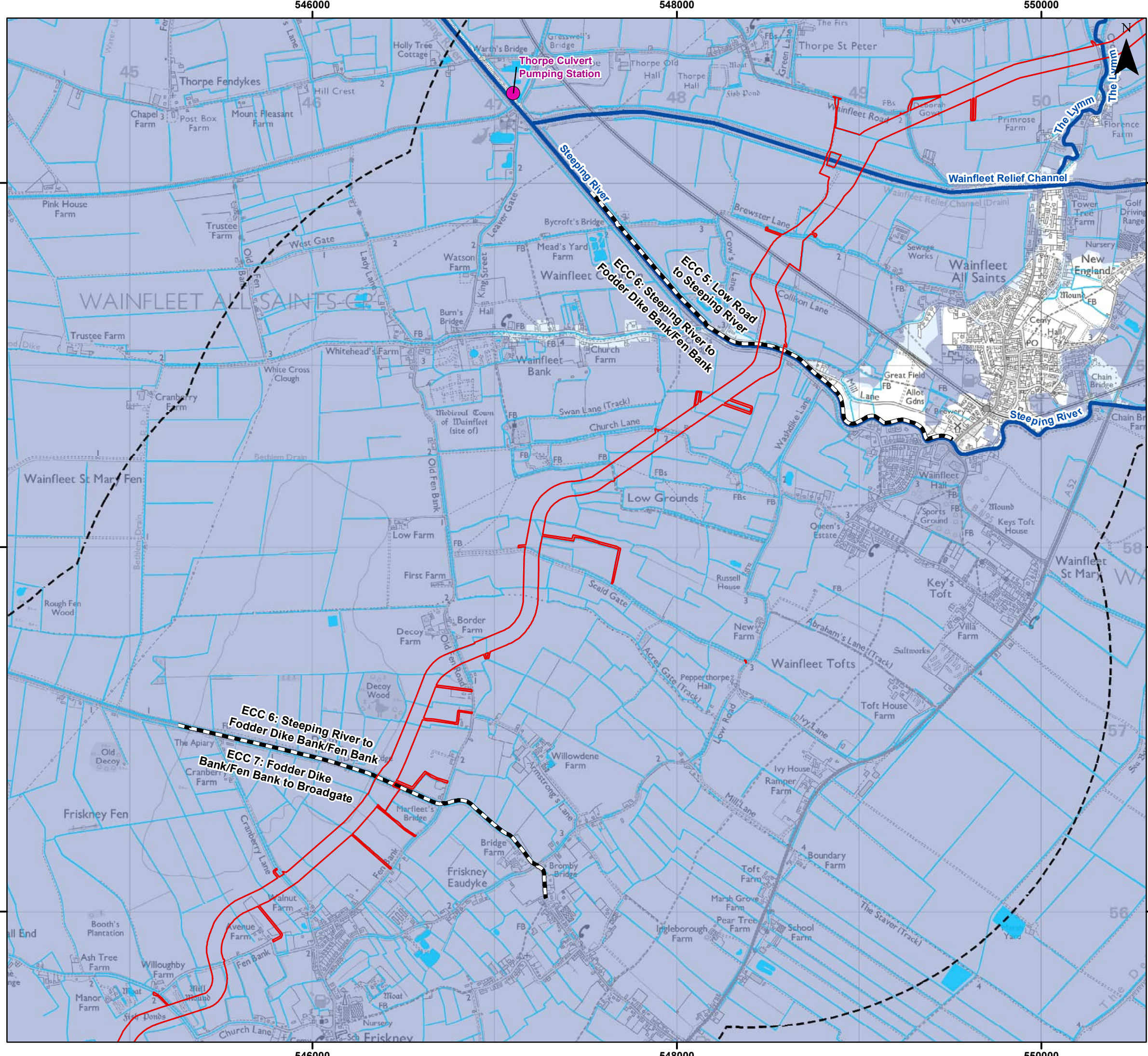


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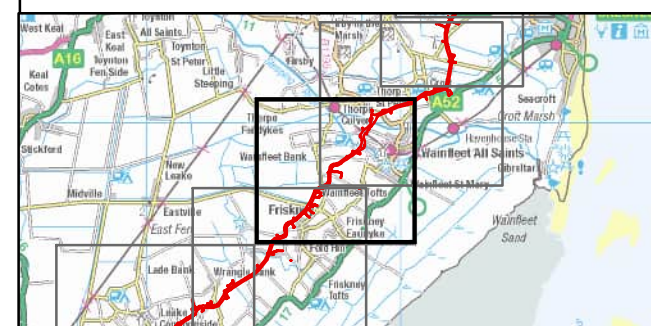
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
 - Pumping Station
 - Statutory Main River
 - Minor Watercourse
 - Waterbody
 - Environment Agency Flood Zone 3
 -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

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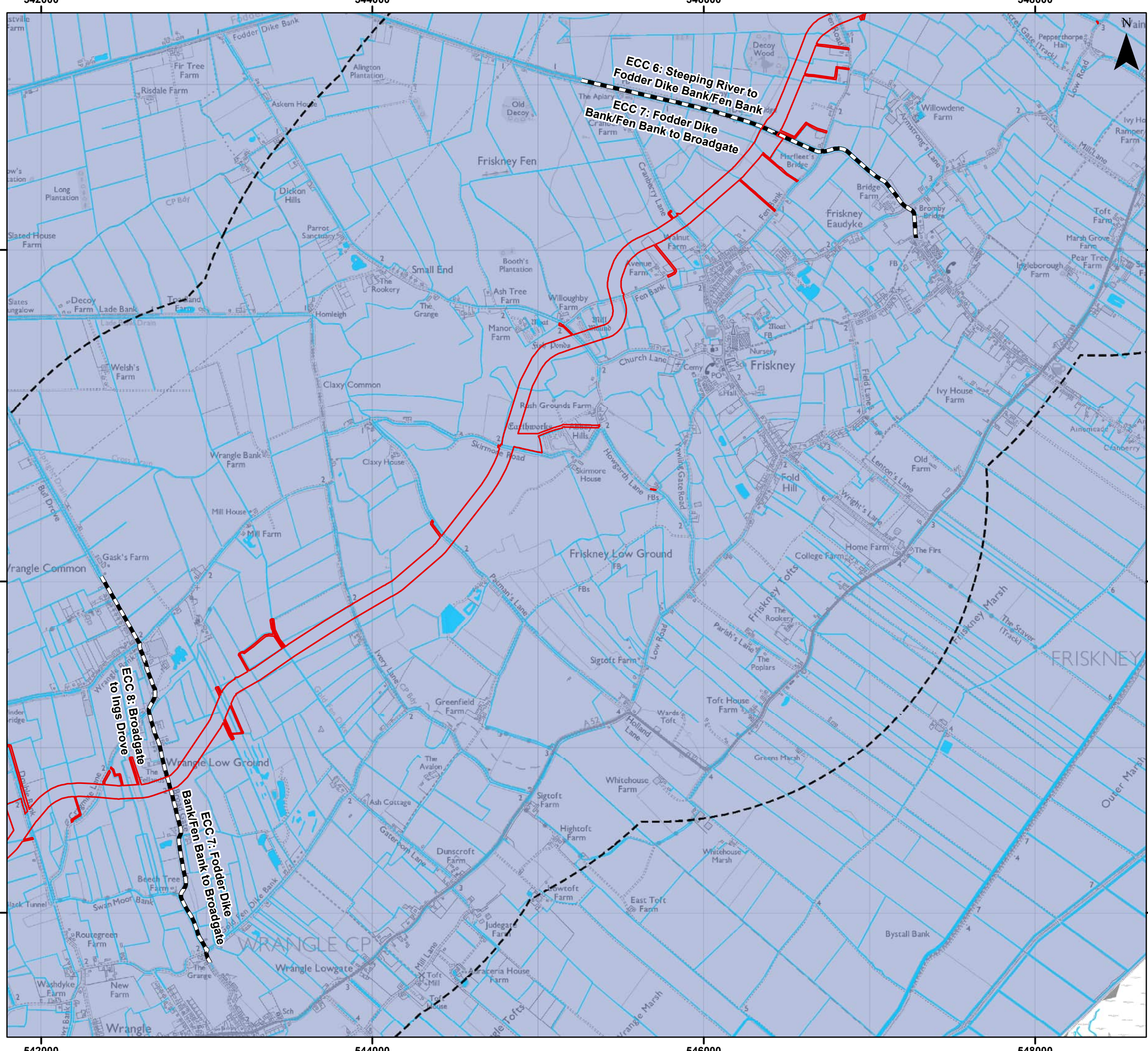
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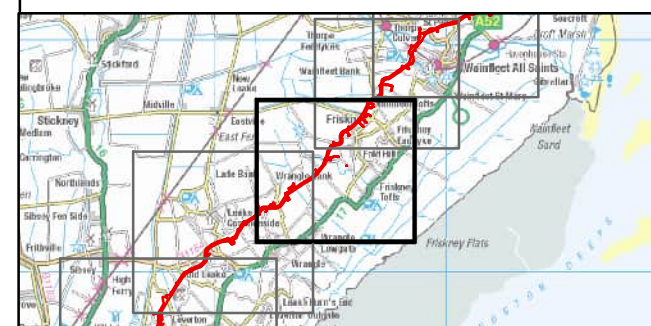
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Legend

- 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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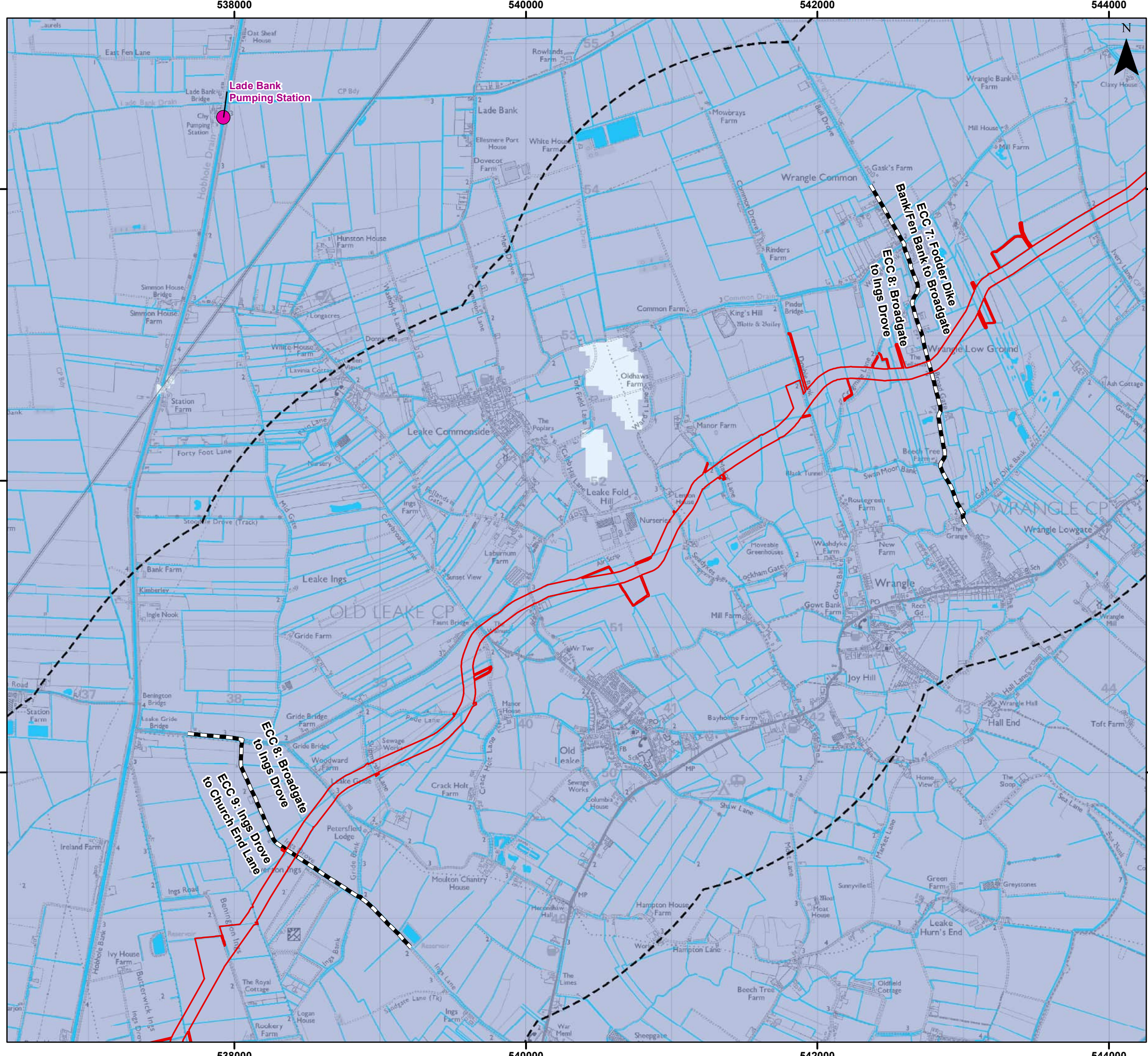
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Legend

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

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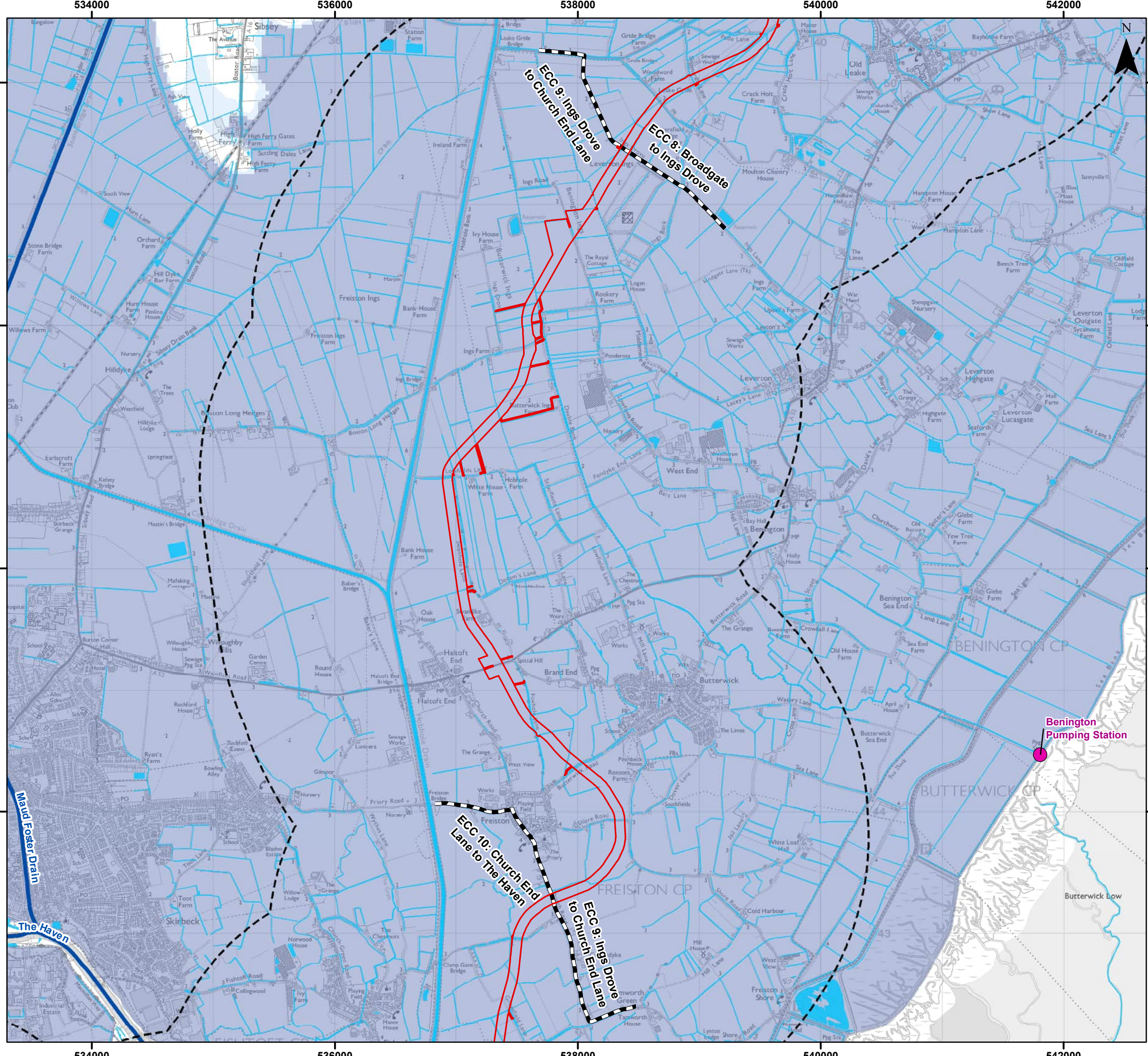


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- ### Legend
- Order Limits
 - Onshore Segment Break
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 - Waterbody
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 - Environment Agency Flood Zone 2

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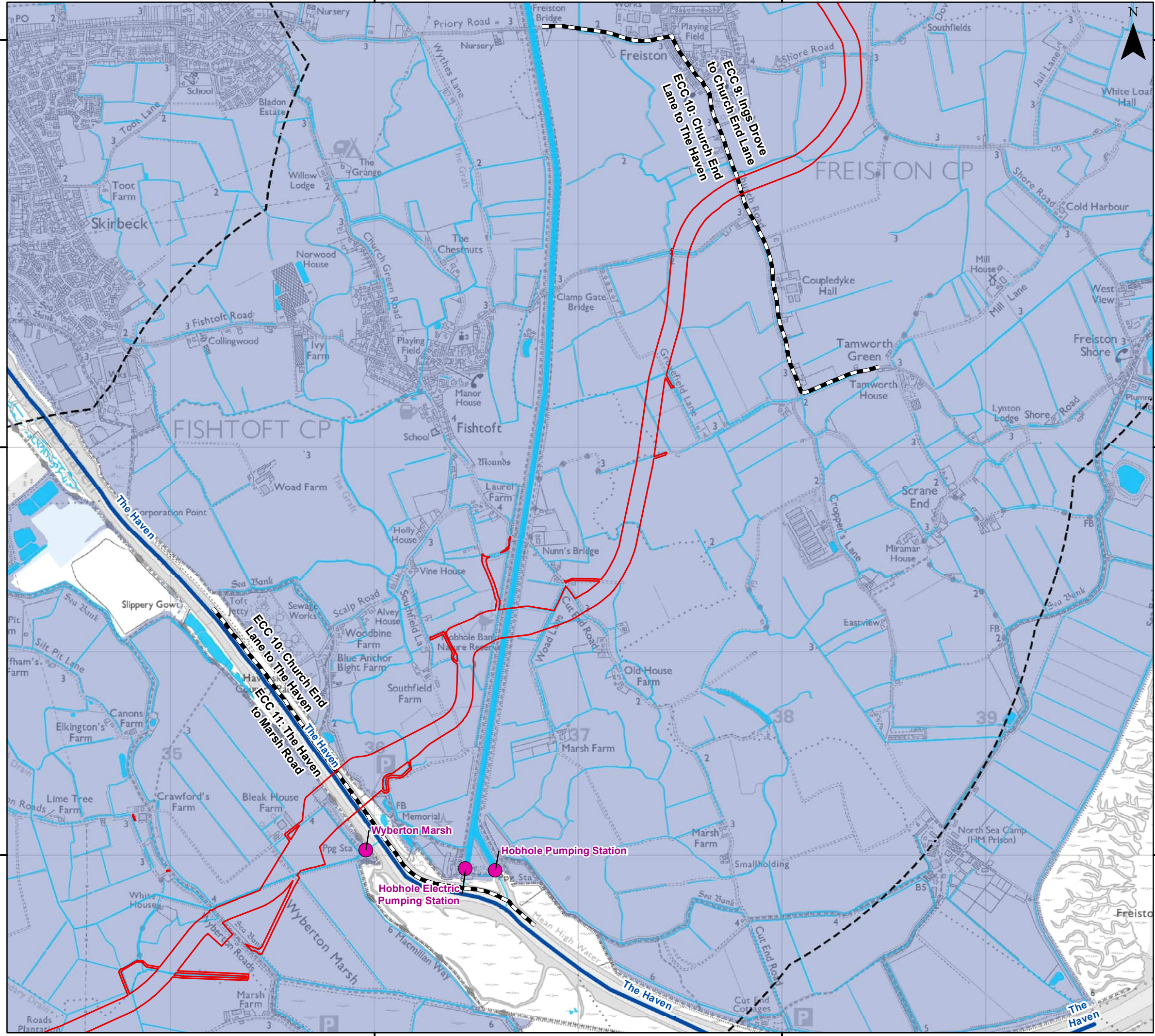
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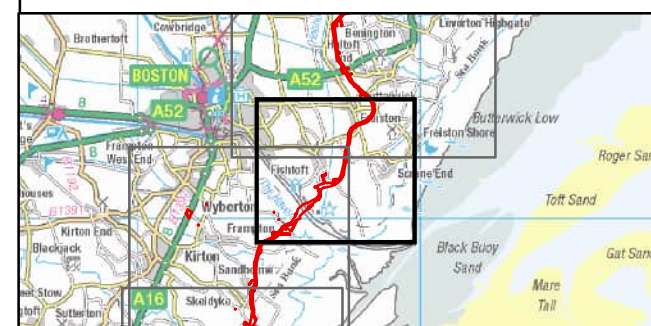
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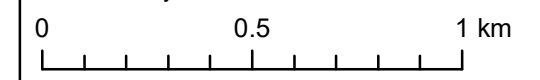
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- Order Limits
- Onshore Segment Break
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- Pumping Station
- Statutory Main River
- Minor Watercourse
- Waterbody
- Environment Agency Flood Zone 3
- Environment Agency Flood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

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Watercourses and Flood Zones: ECC 10

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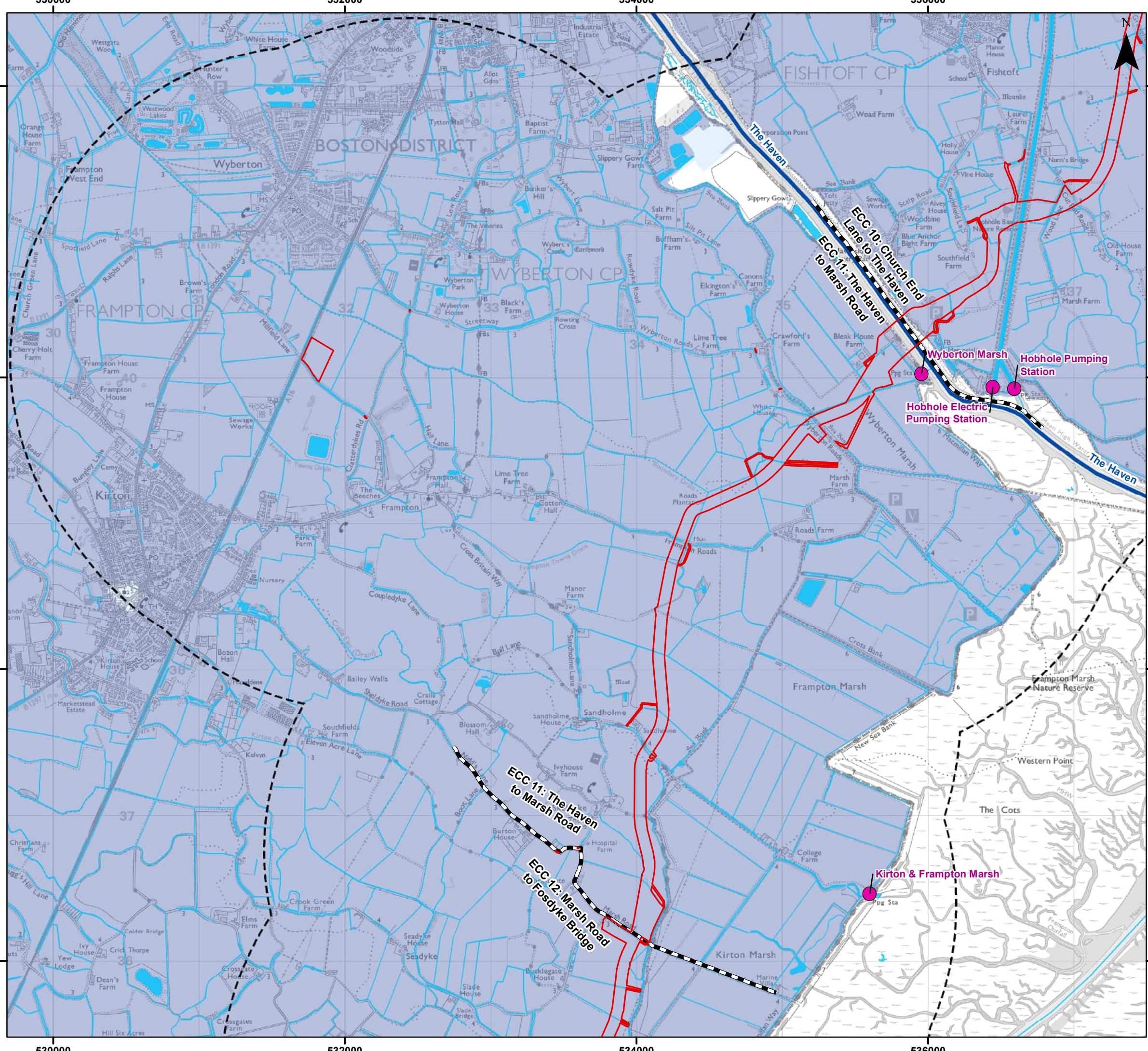


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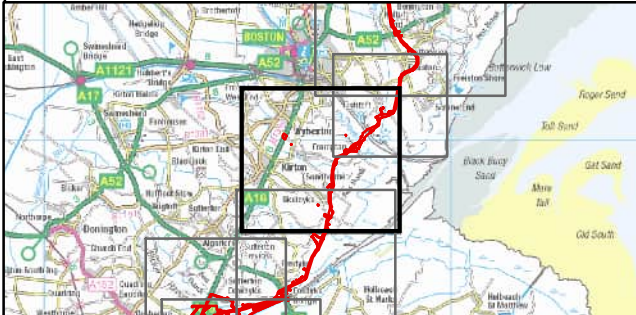
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
 - Pumping Station
 - Statutory Main River
 - Minor Watercourse
 - Waterbody
 - Environment Agency Flood Zone 3
 -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

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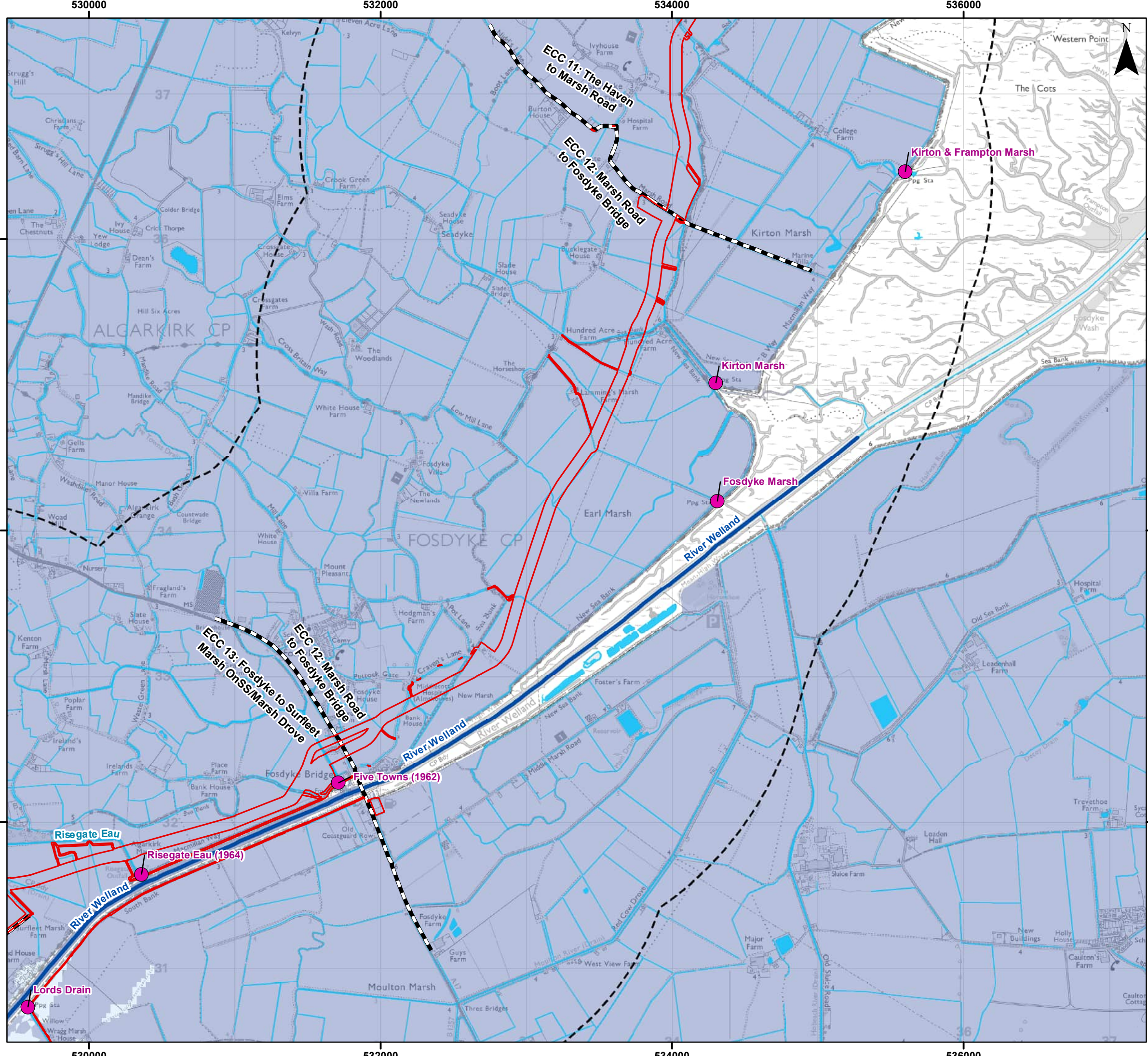
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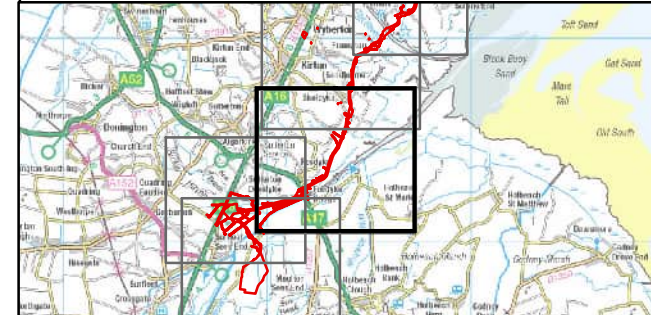
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Legend

- Order Limits
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- Pumping Station
- Statutory Main River
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- Waterbody
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- Environment Agency Flood Zone 2

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






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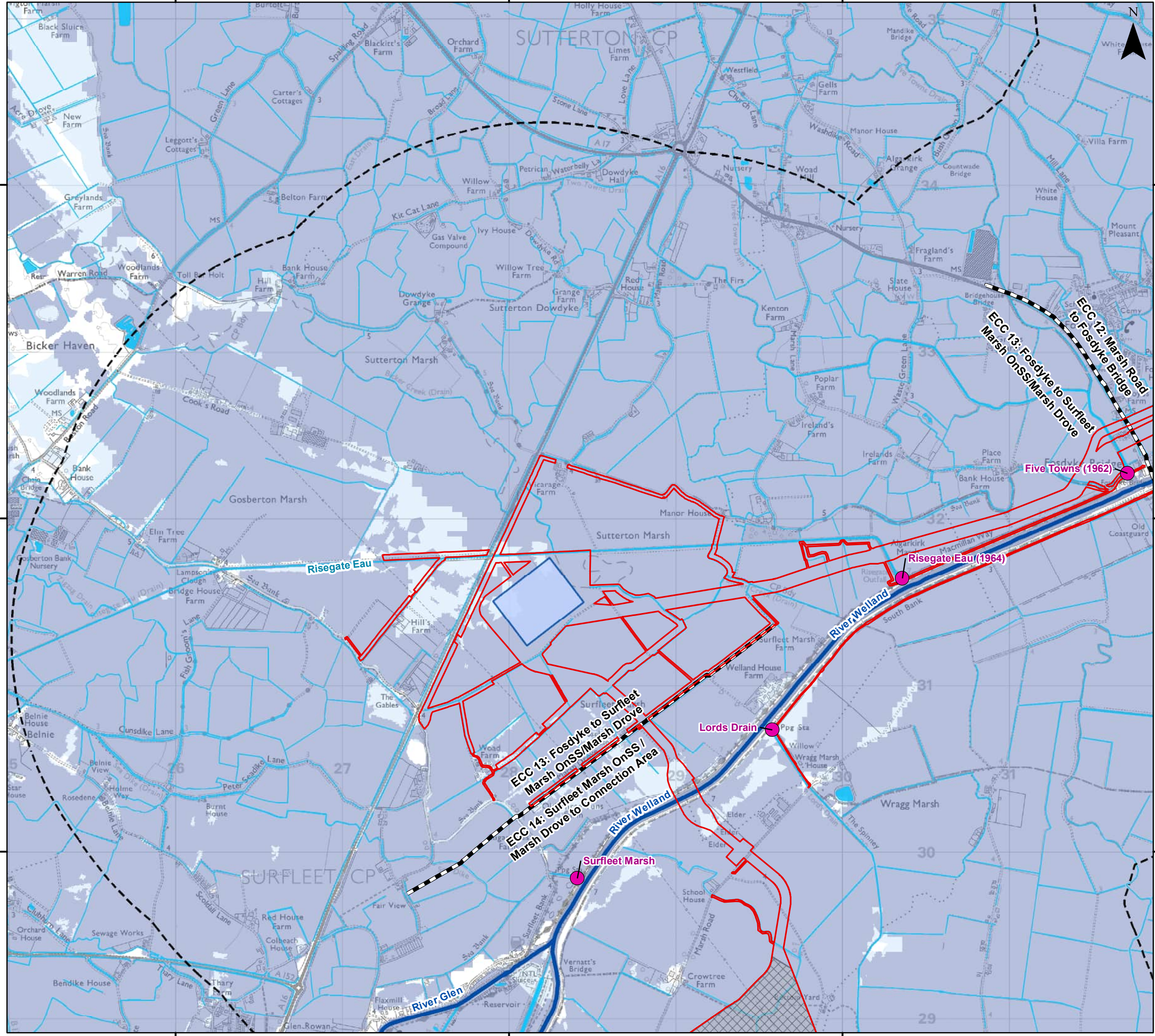
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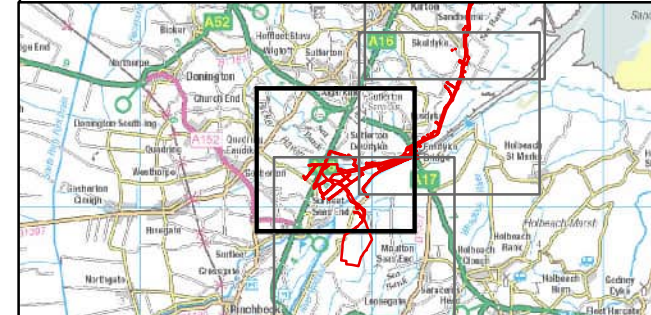
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Legend

-  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 13
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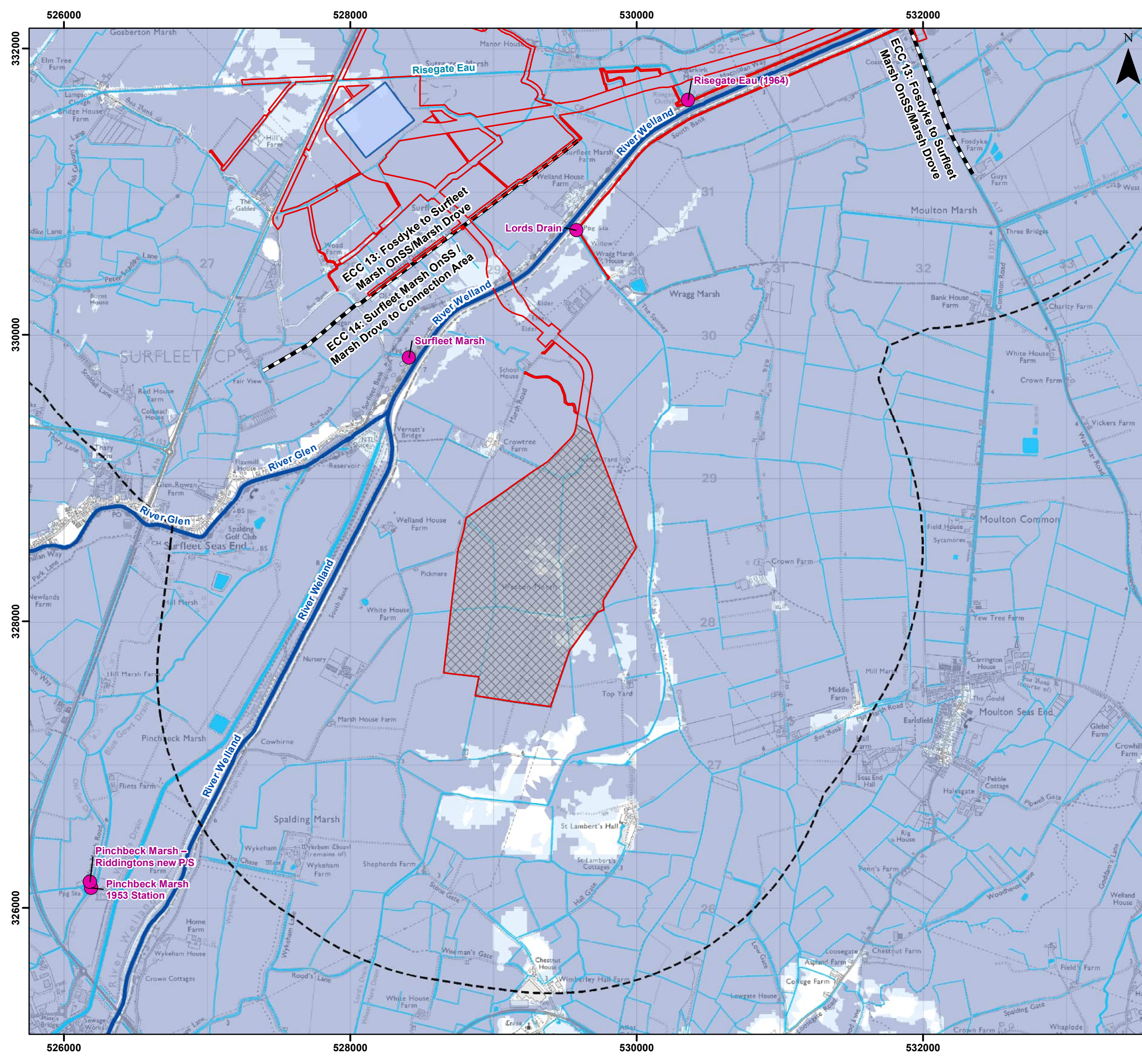
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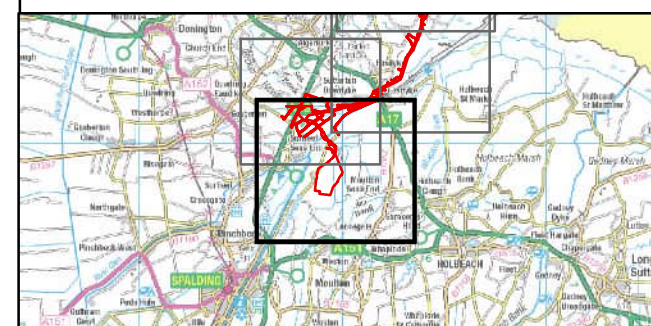
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Legend

- 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
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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)
- Abstraction Licence Location
- Private Water Supply Location
- Discharge Point Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer

Source Protection Zone

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

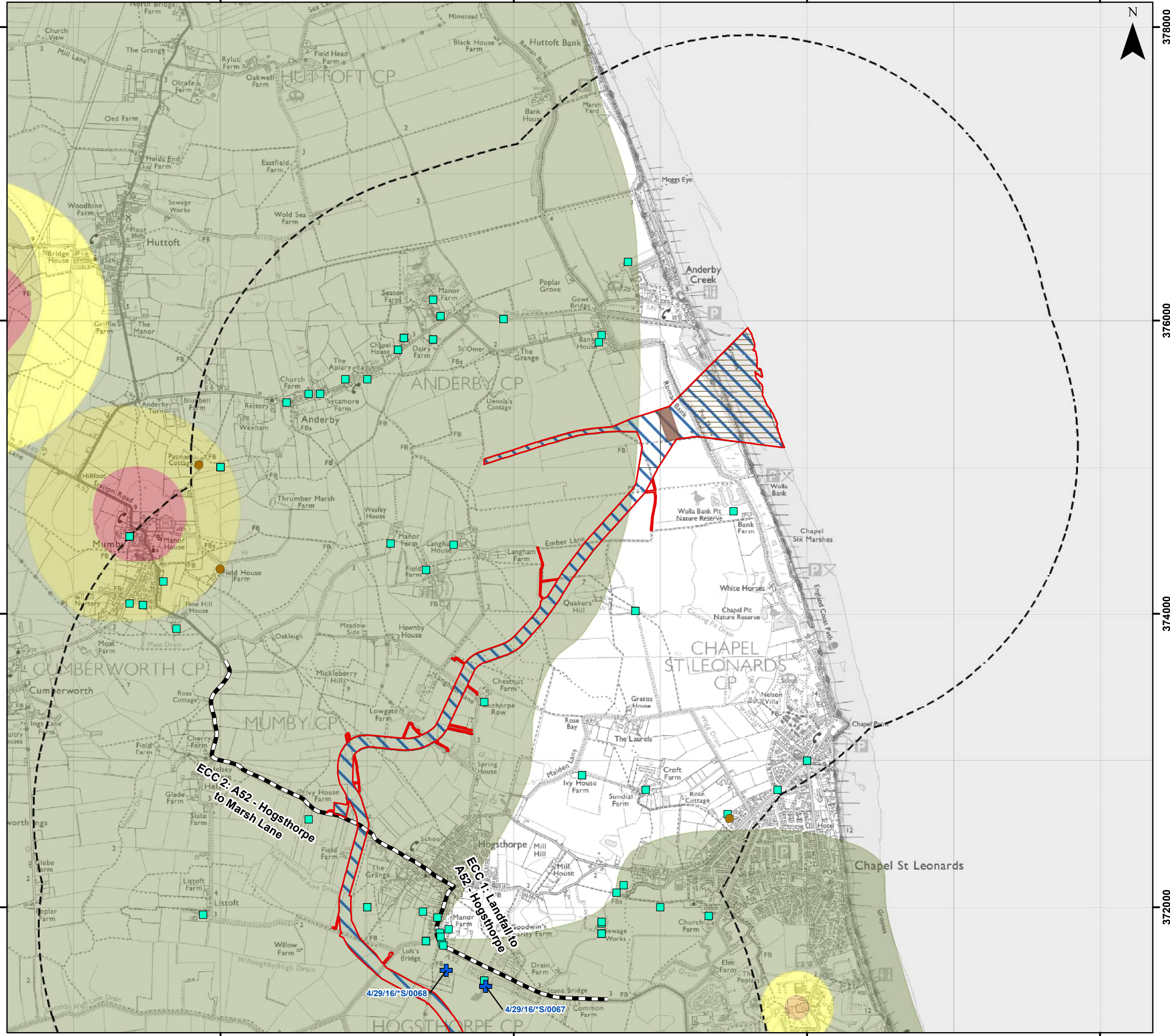
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 Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
 ECC 1
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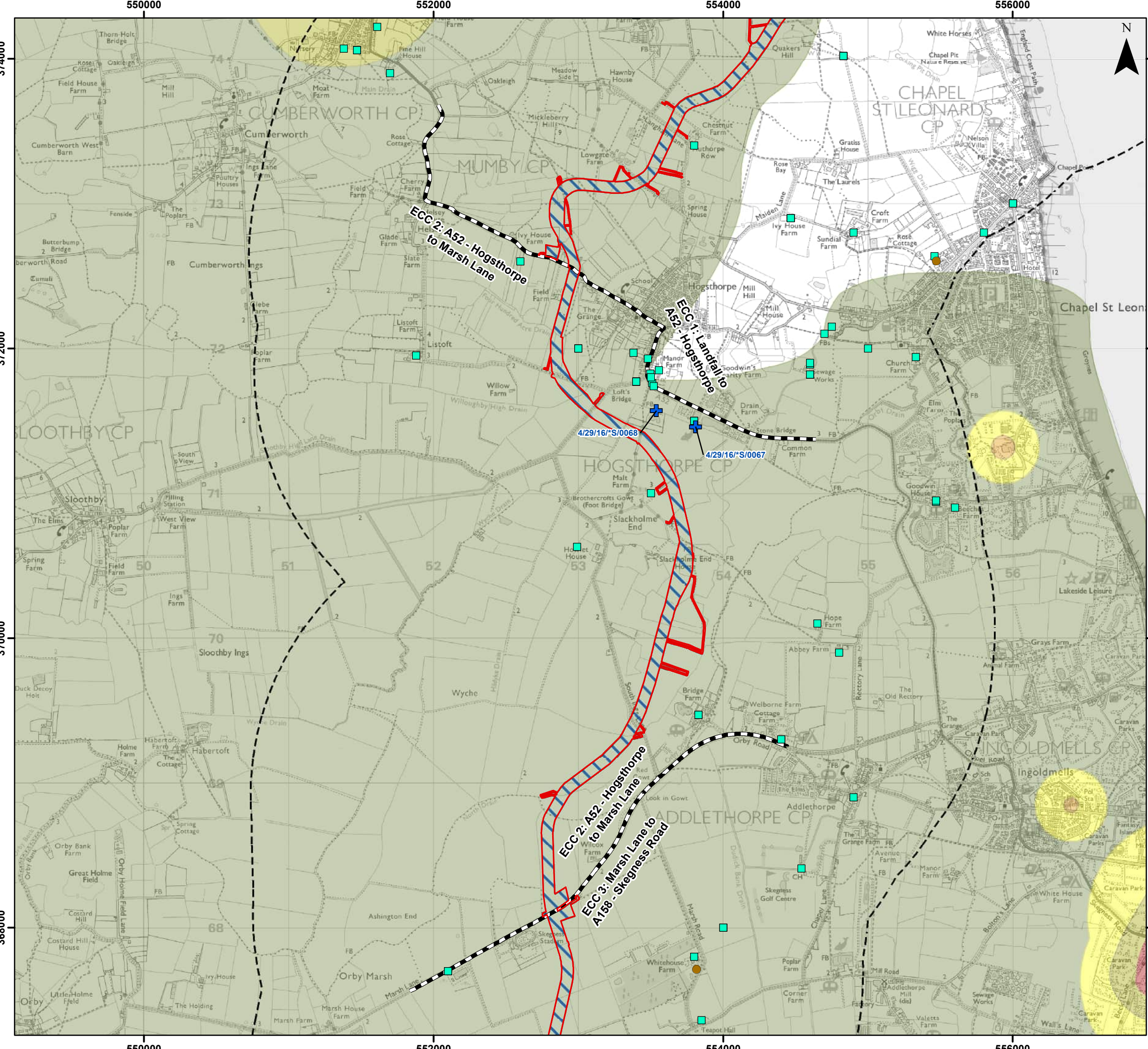
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Legend

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

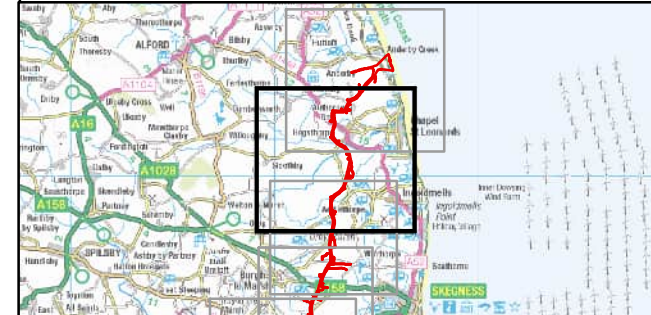
Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer

Source Protection Zone

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

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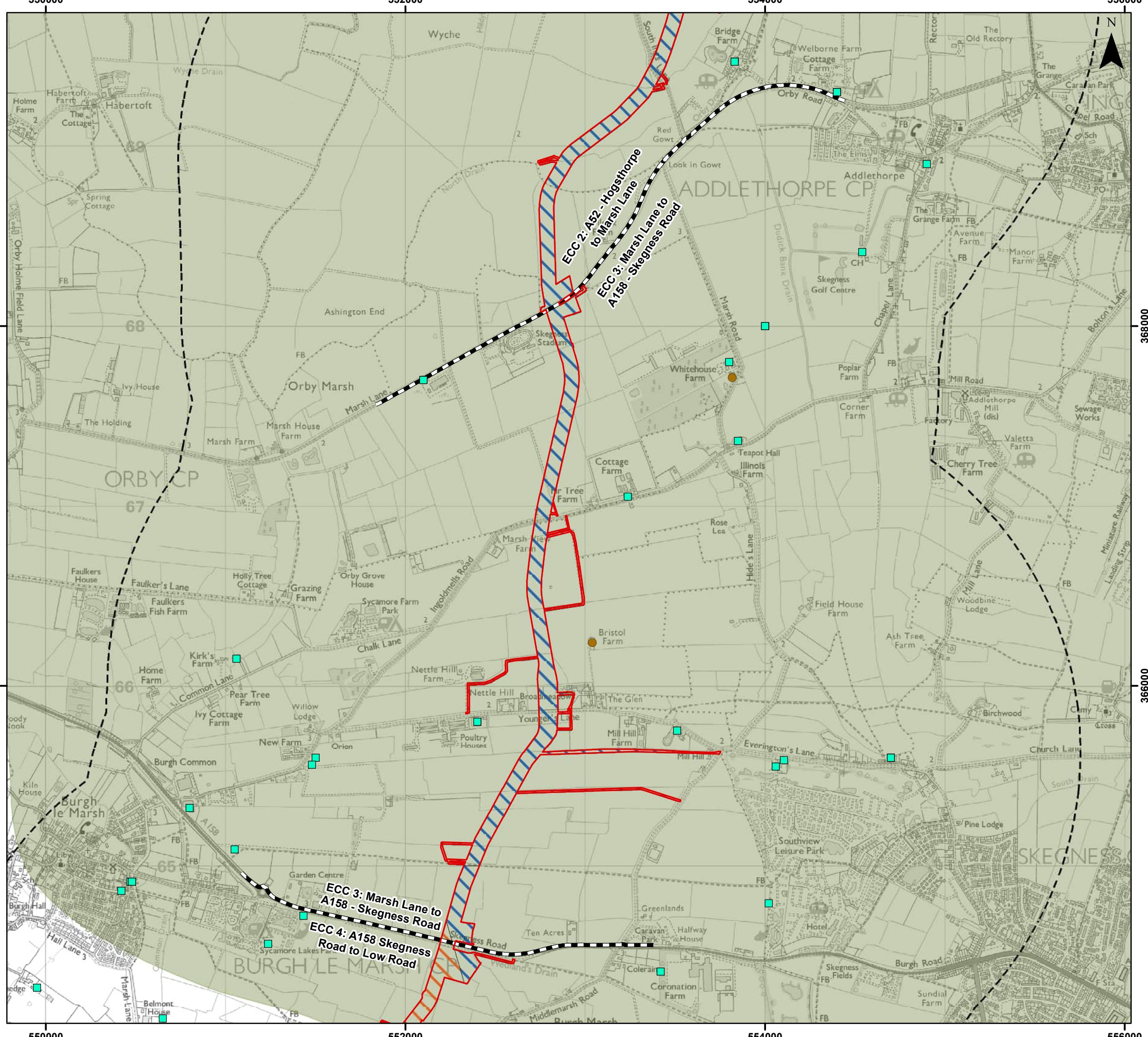
Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations: ECC 2

Figure 24.5.2

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Legend

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

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer
- Secondary Aquifer - B

Source Protection Zone

- 3

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Environmental Statement

Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations: ECC 3

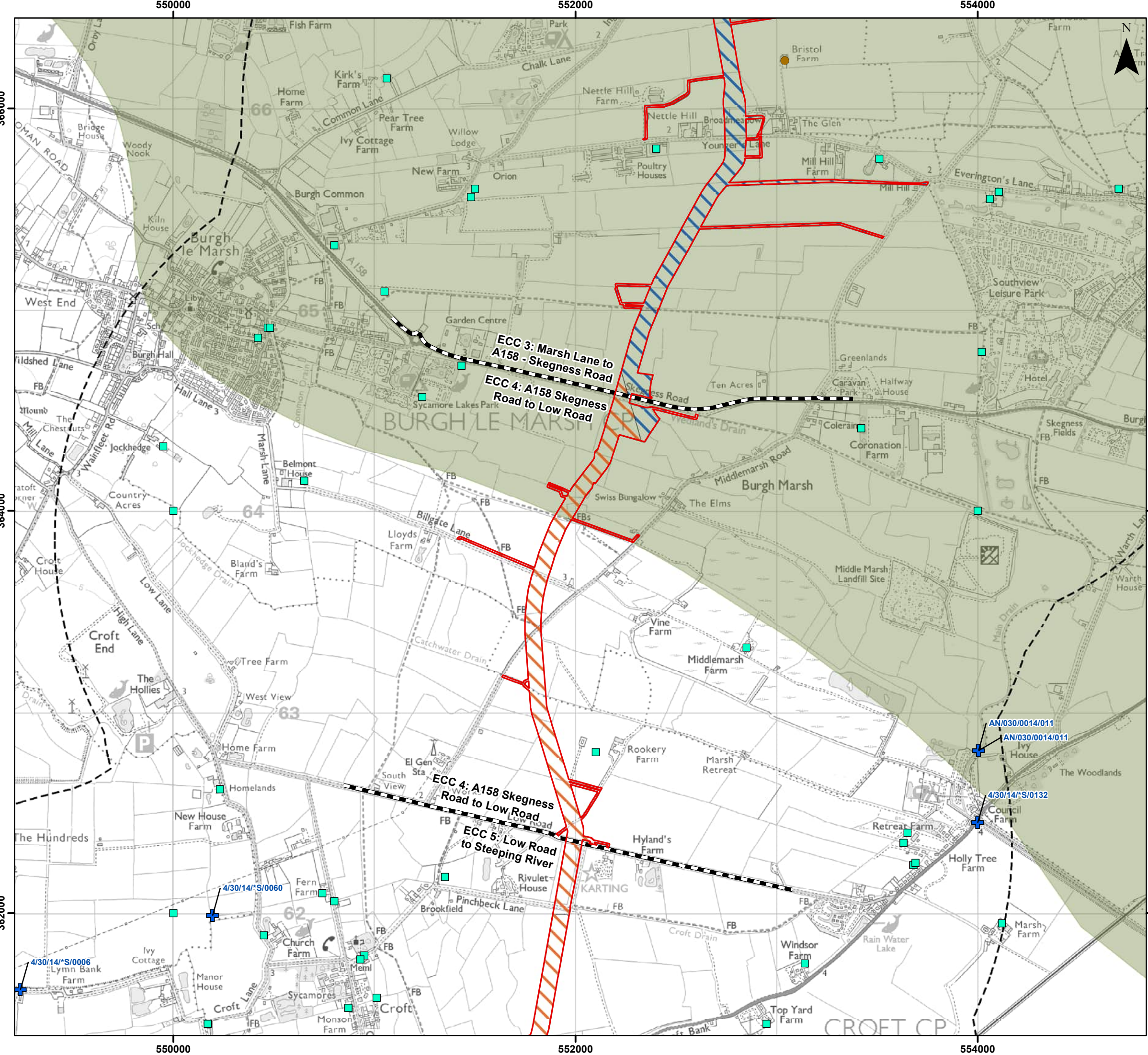
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Legend

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

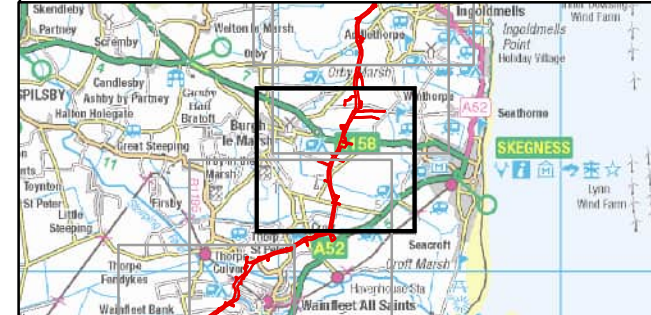
Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer
- Secondary Aquifer - B

Source Protection Zone

- 3

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Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations: ECC 4

Figure 24.5.4

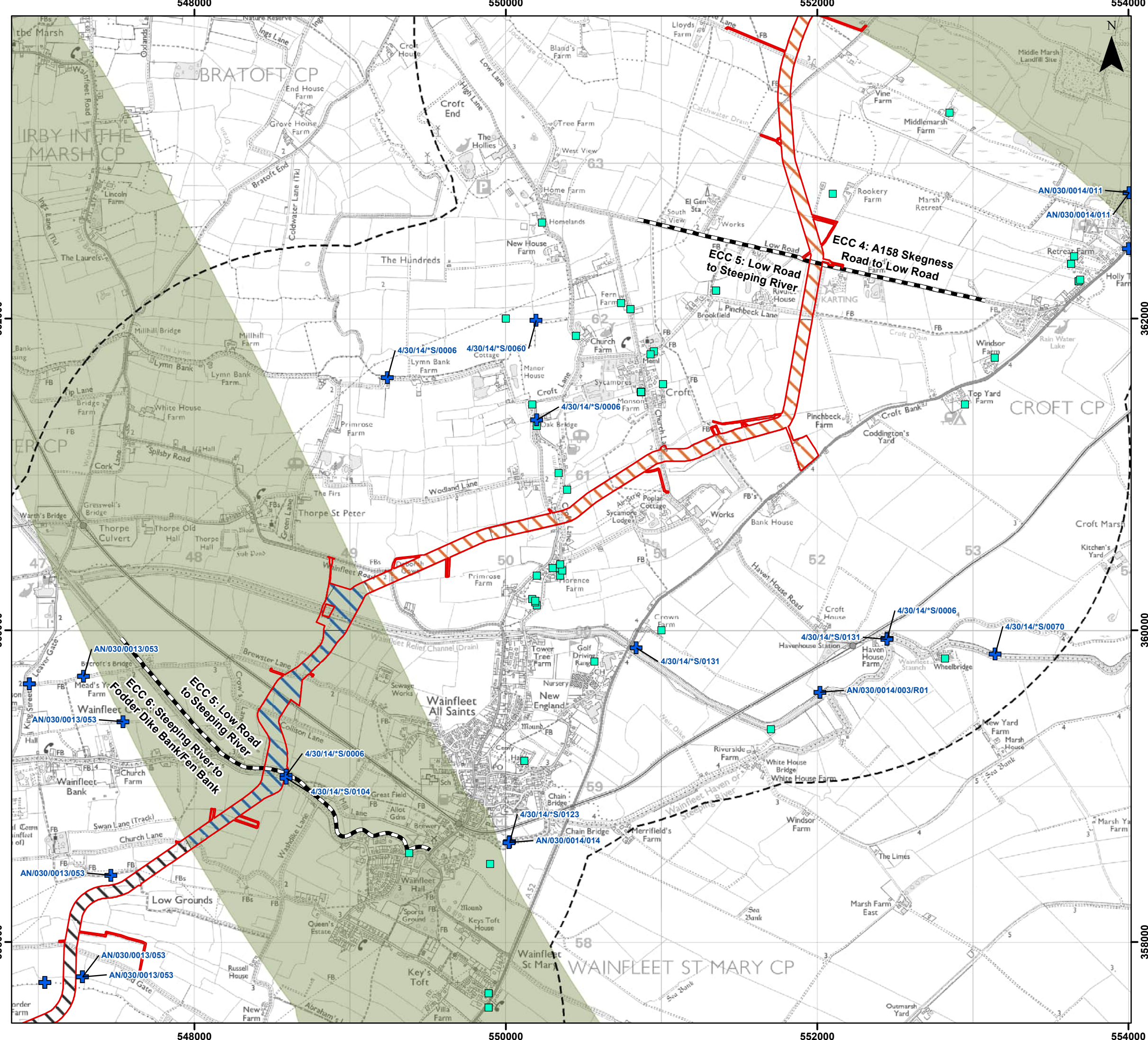




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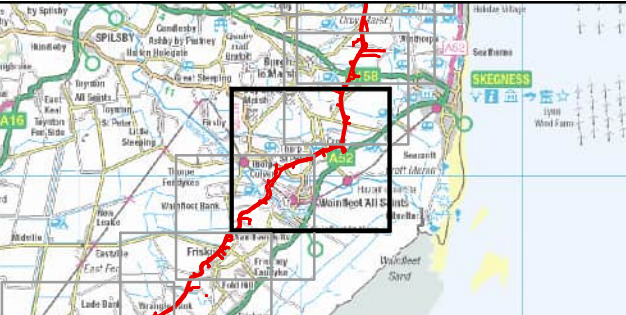
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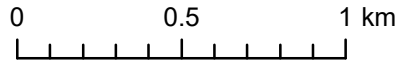
Legend

- Order Limits
 - Onshore Segment Break
 - Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
 - + Abstraction Licence Location
 - Discharge Point Location
- Bedrock Aquifer Designation (Clipped to Onshore Order Limits)**
- Principal Aquifer
 - Secondary Aquifer - B
 - Unproductive Strata
- Source Protection Zone**
- 3

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Environmental Statement

Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
 ECC 5
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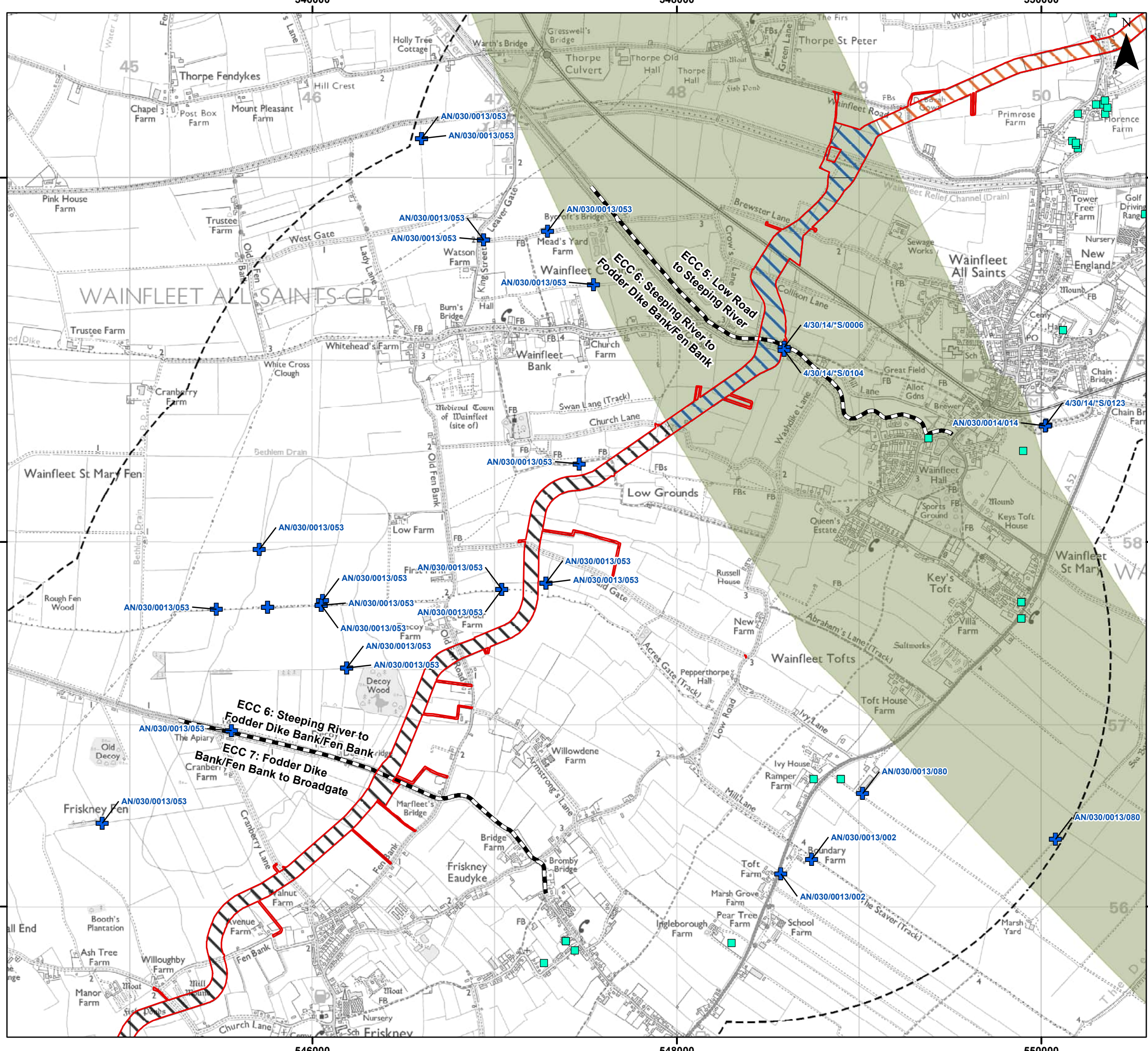


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Legend

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

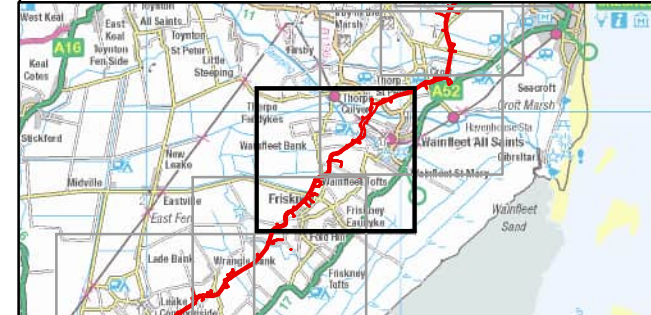
Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Principal Aquifer
- Secondary Aquifer - B
- Unproductive Strata

Source Protection Zone

- 3

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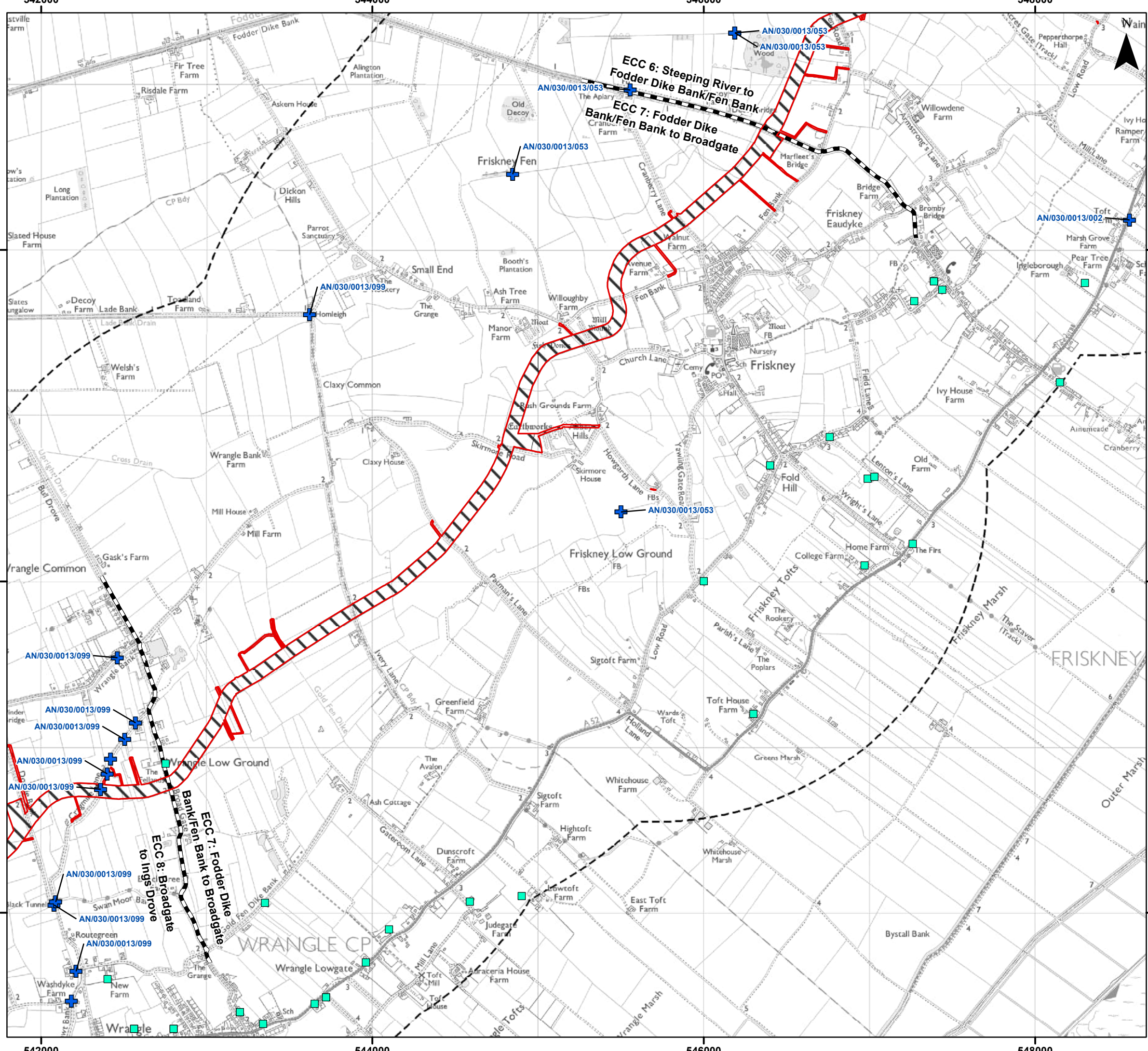
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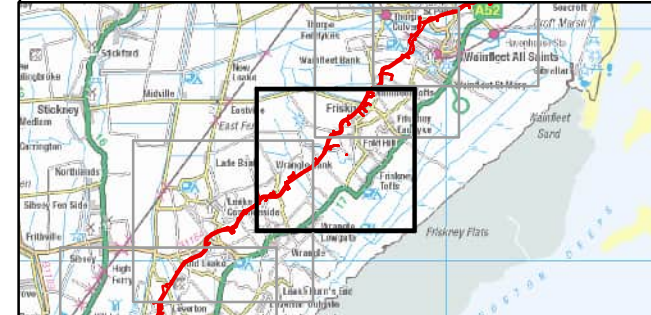
Legend

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

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Unproductive Strata

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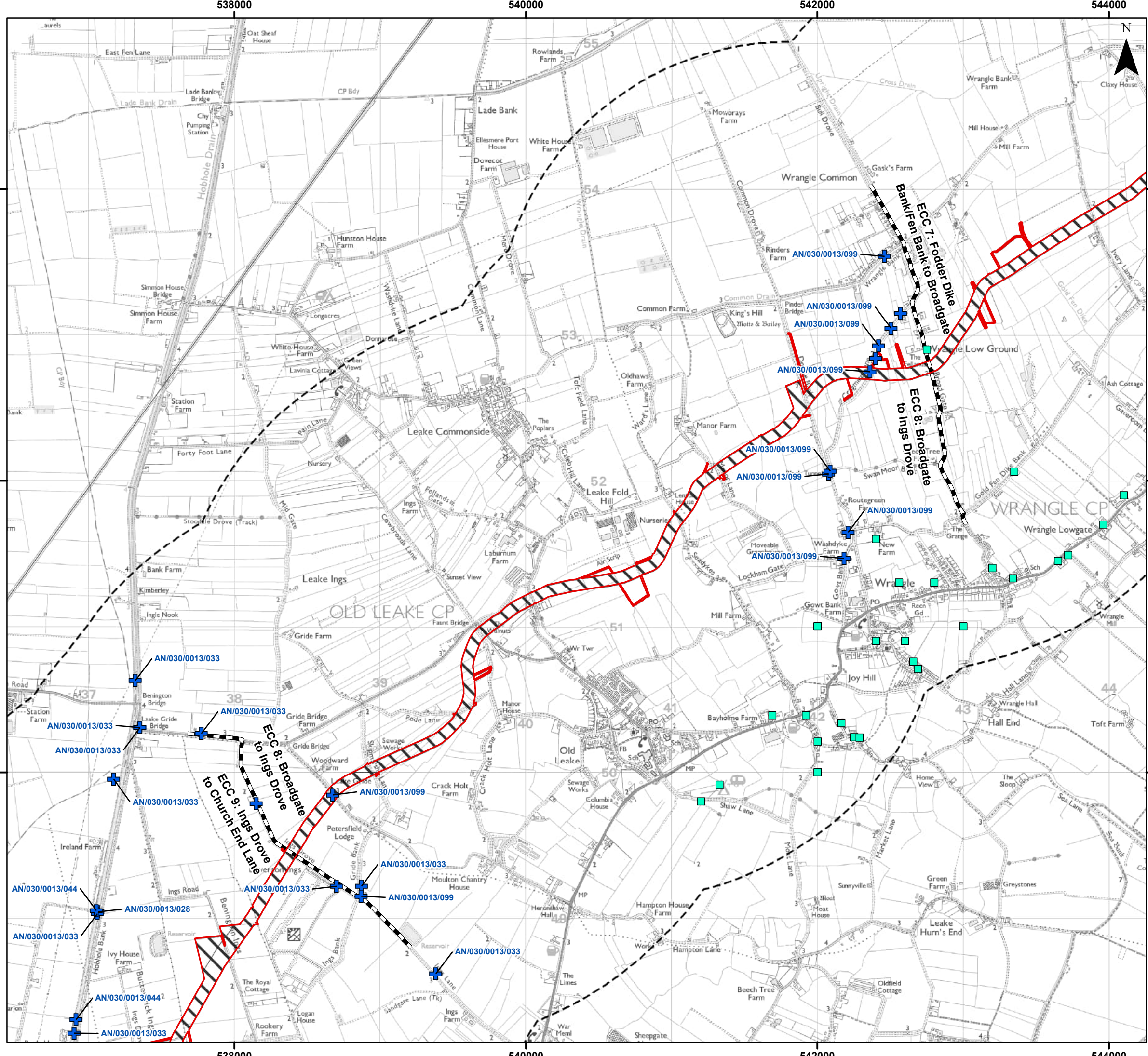
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Legend

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

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Unproductive Strata

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Environmental Statement
 Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
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OUTER DOWSING
OFFSHORE WIND

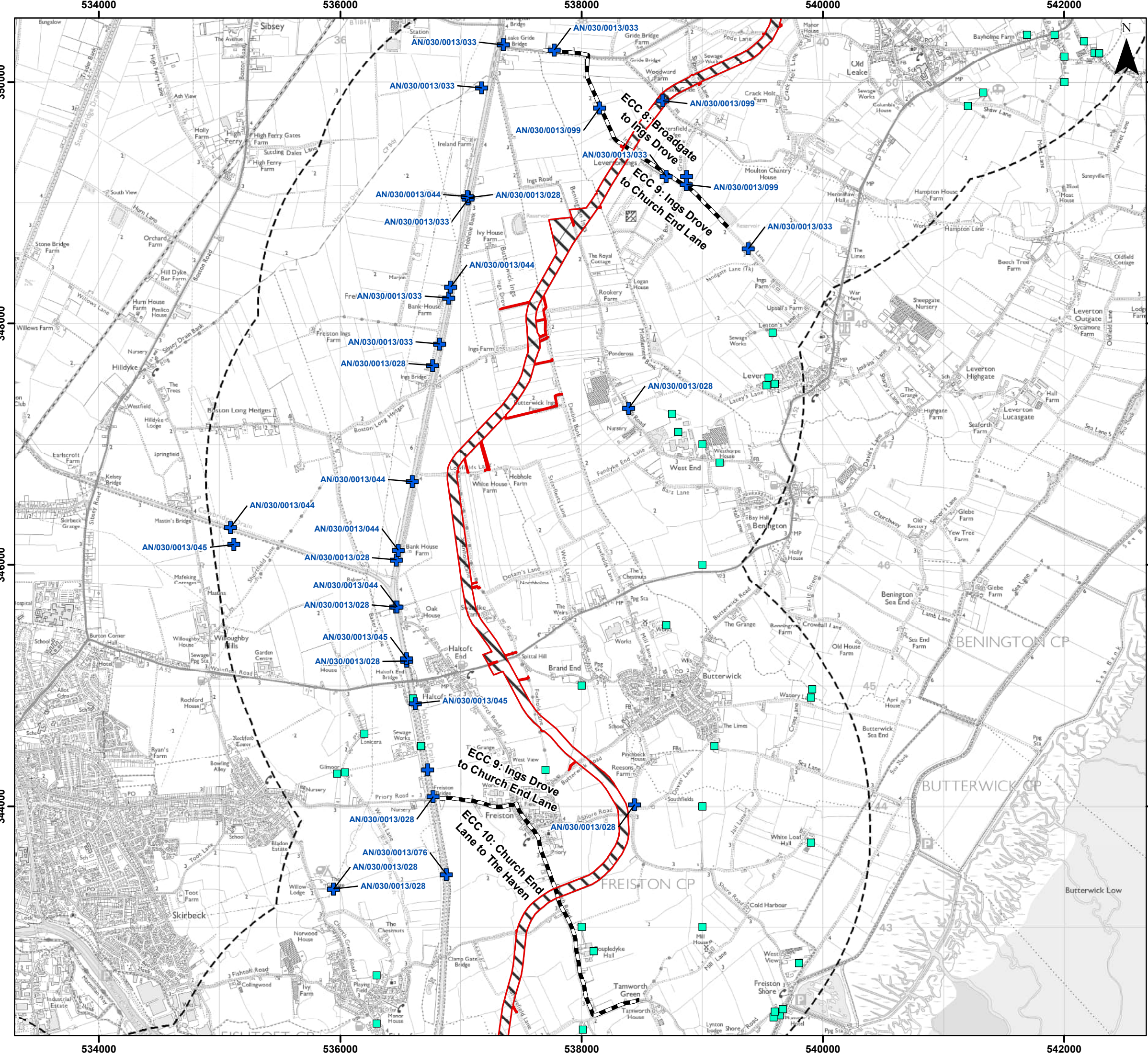


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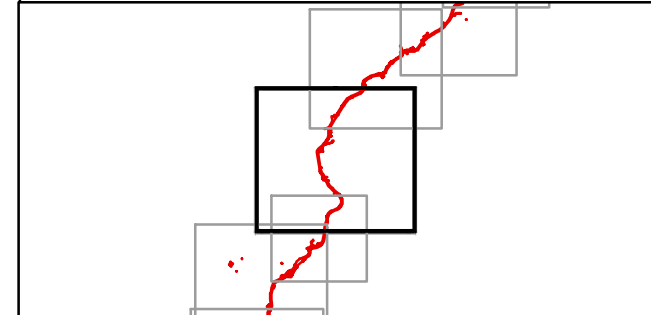
Legend

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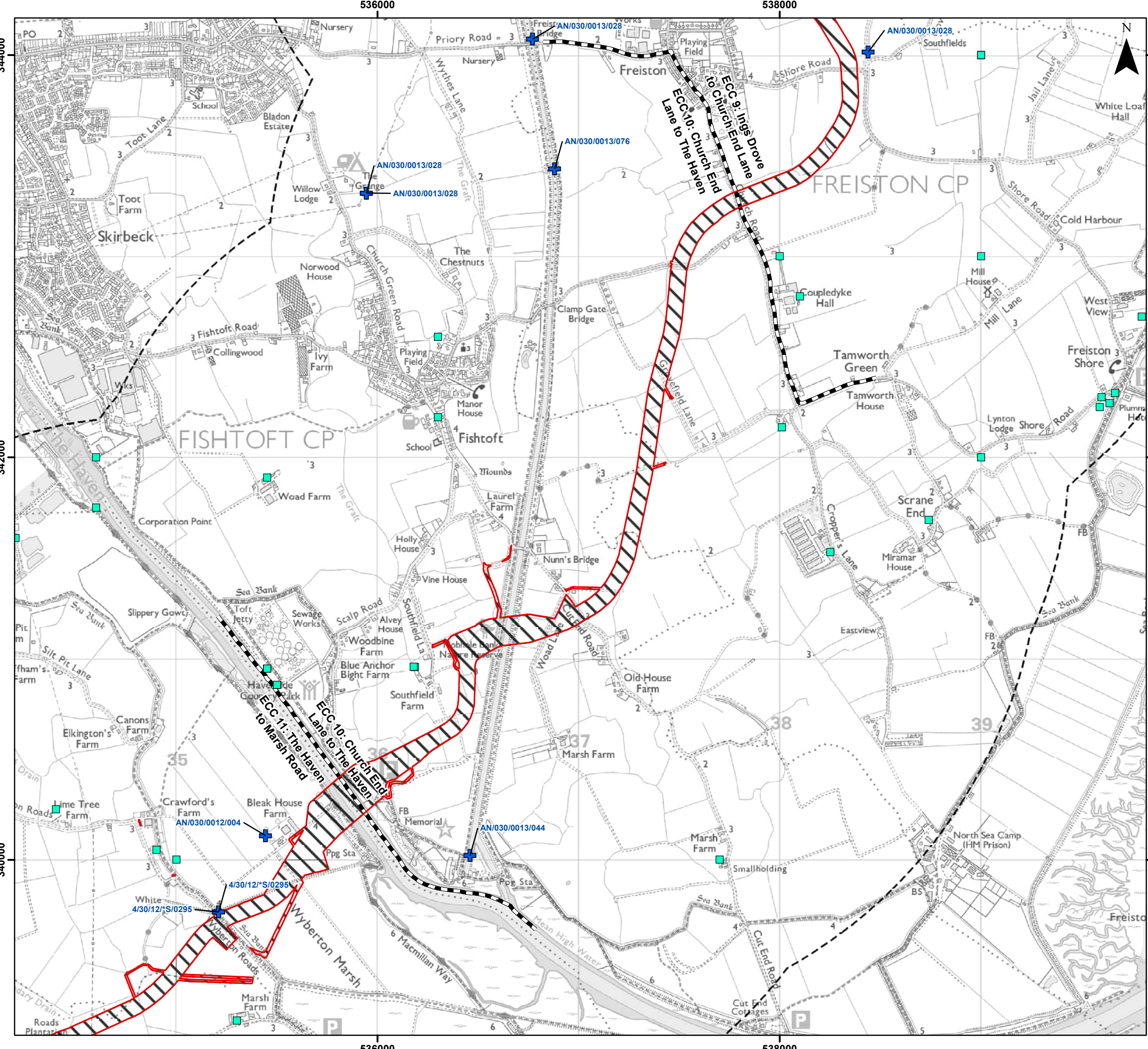




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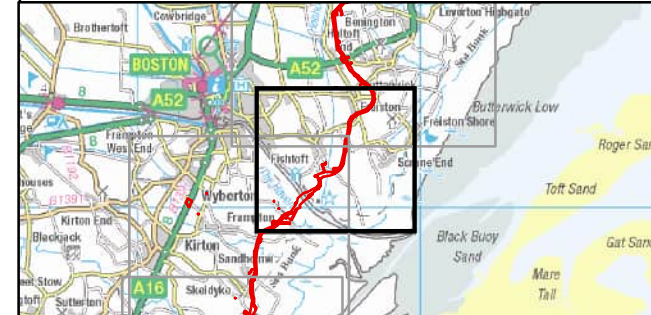
Legend

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

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Unproductive Strata

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Environmental Statement
 Aquifer Designations, Source Protection Zones, Abstraction and Discharge Locations:
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OUTER DOWSING
OFFSHORE WIND

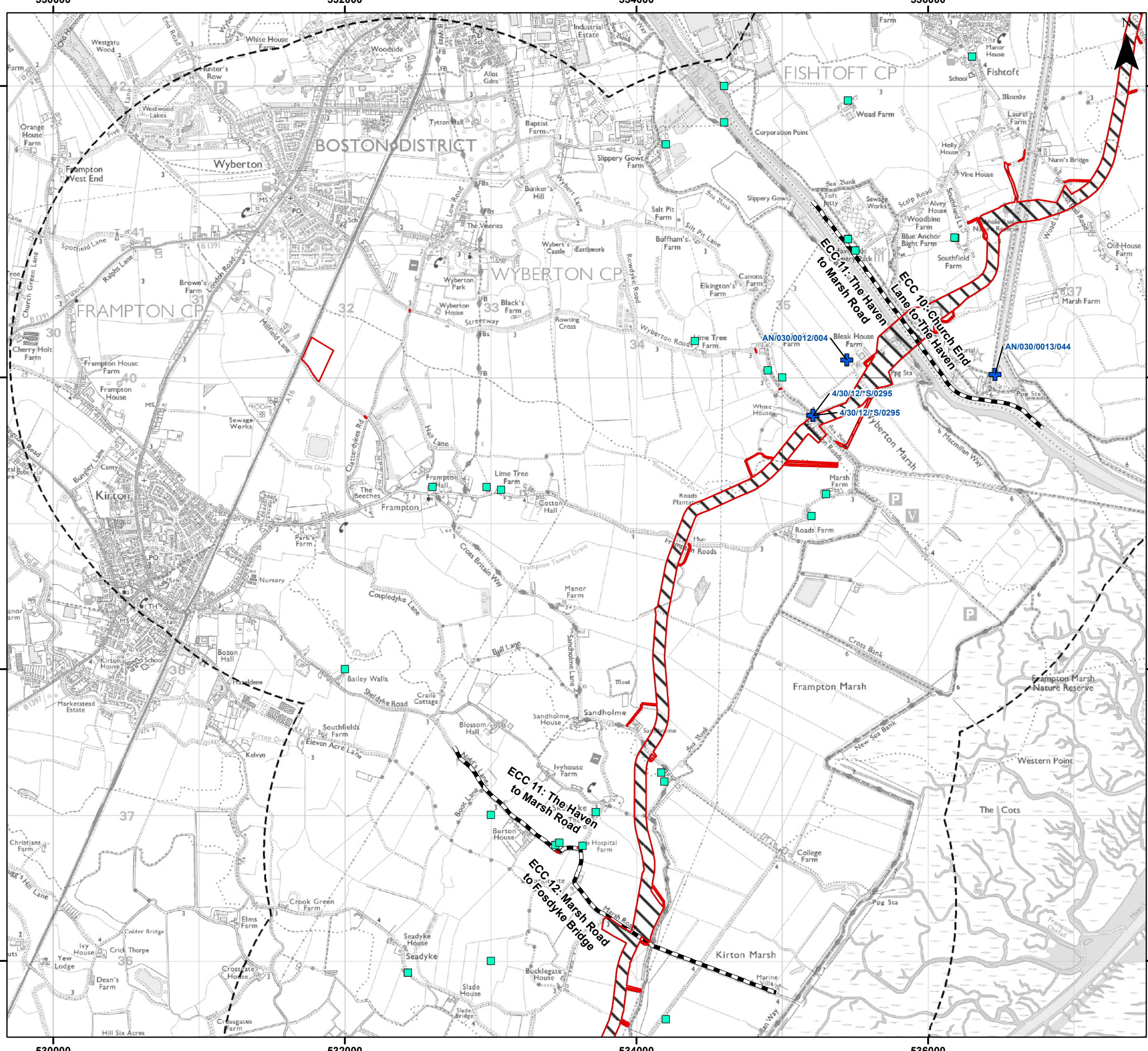


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Legend

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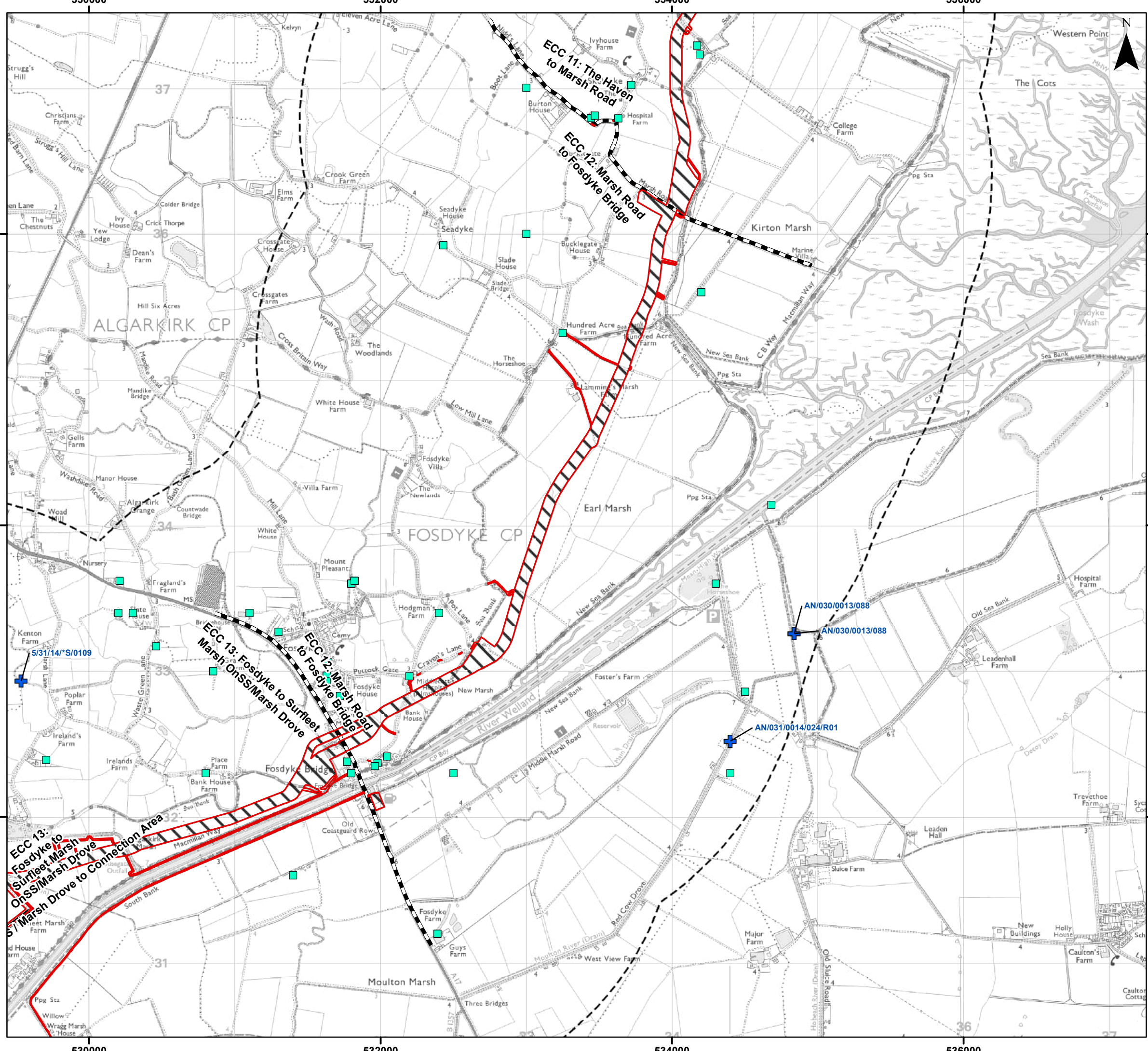
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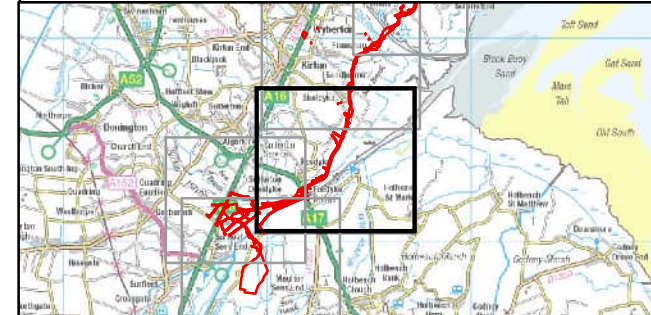
Legend

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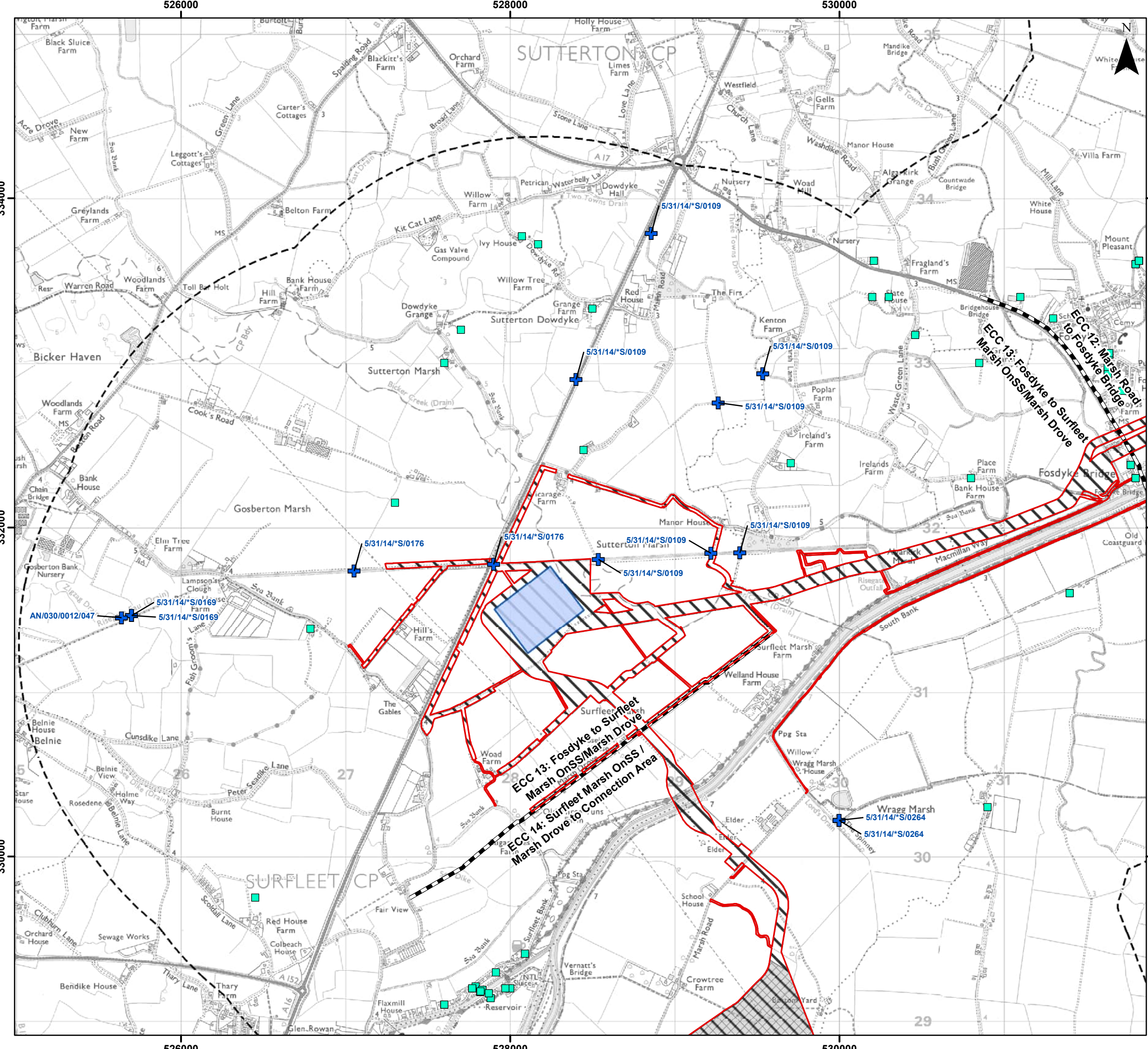
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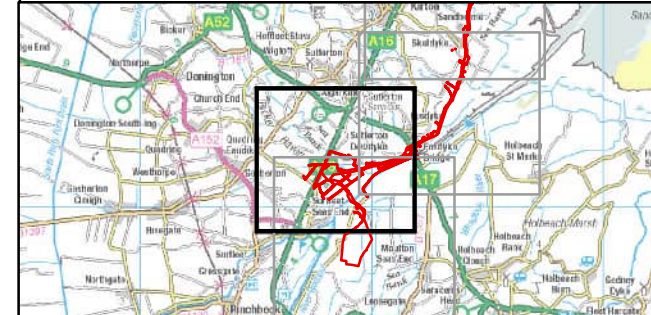
Legend

- 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
- Discharge Point Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Unproductive Strata

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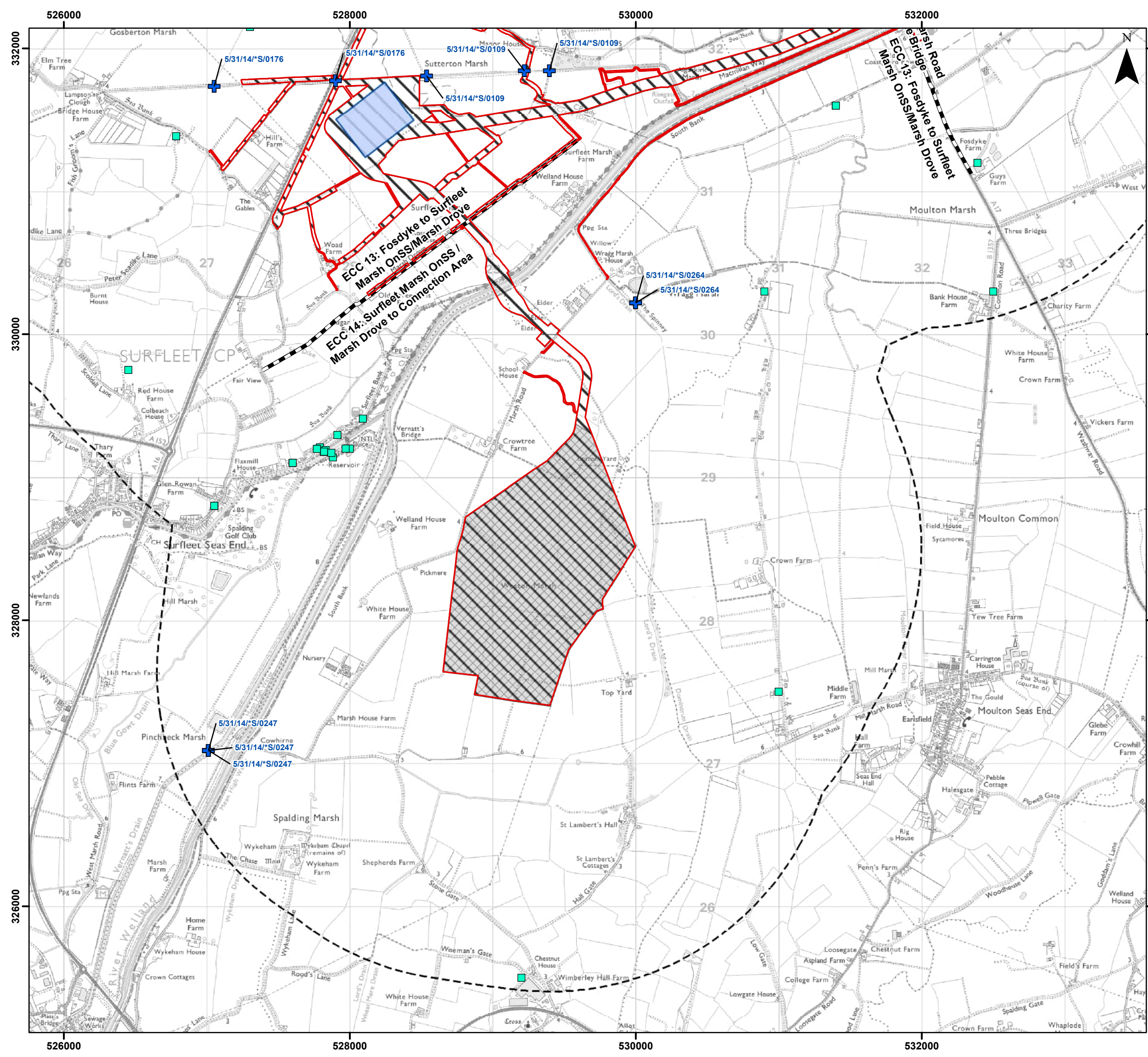
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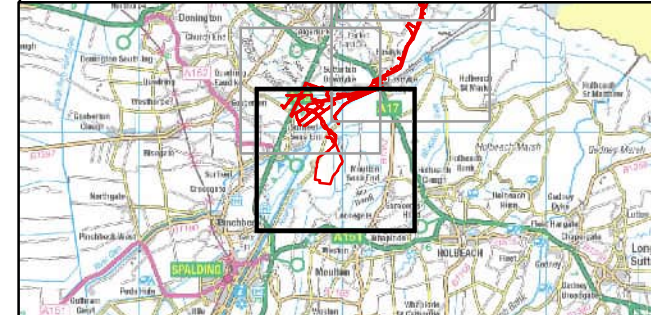
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- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Hydrology, Hydrogeology and Flood Risk Study Area (Order Limits 2 km Buffer)
- + Abstraction Licence Location
- Discharge Point Location

Bedrock Aquifer Designation (Clipped to Onshore Order Limits)

- Unproductive Strata

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