

**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)
- DEPTH
  - 0 - 10m
  - 10 - 30m
  - 30m+
- Source Protection Zone
  - SPZ1 - Inner Protection Zone
  - SPZ2 - Outer Protection Zone
  - SPZ3 - Total Catchment
- Groundwater
- Dependent Terrestrial Ecosystem

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01	30/09/25	INITIAL ISSUE	RM	CD	JC

Client:

**PROJECT: HUMBER CARBON CAPTURE PIPELINE**

**Northern Endurance Partnership**

Site: Humber

Client: Net Zero North Sea Storage Limited  
 Chertsey Road  
 Sunbury On Thames  
 Middlesex  
 United Kingdom  
 TW16 7BP

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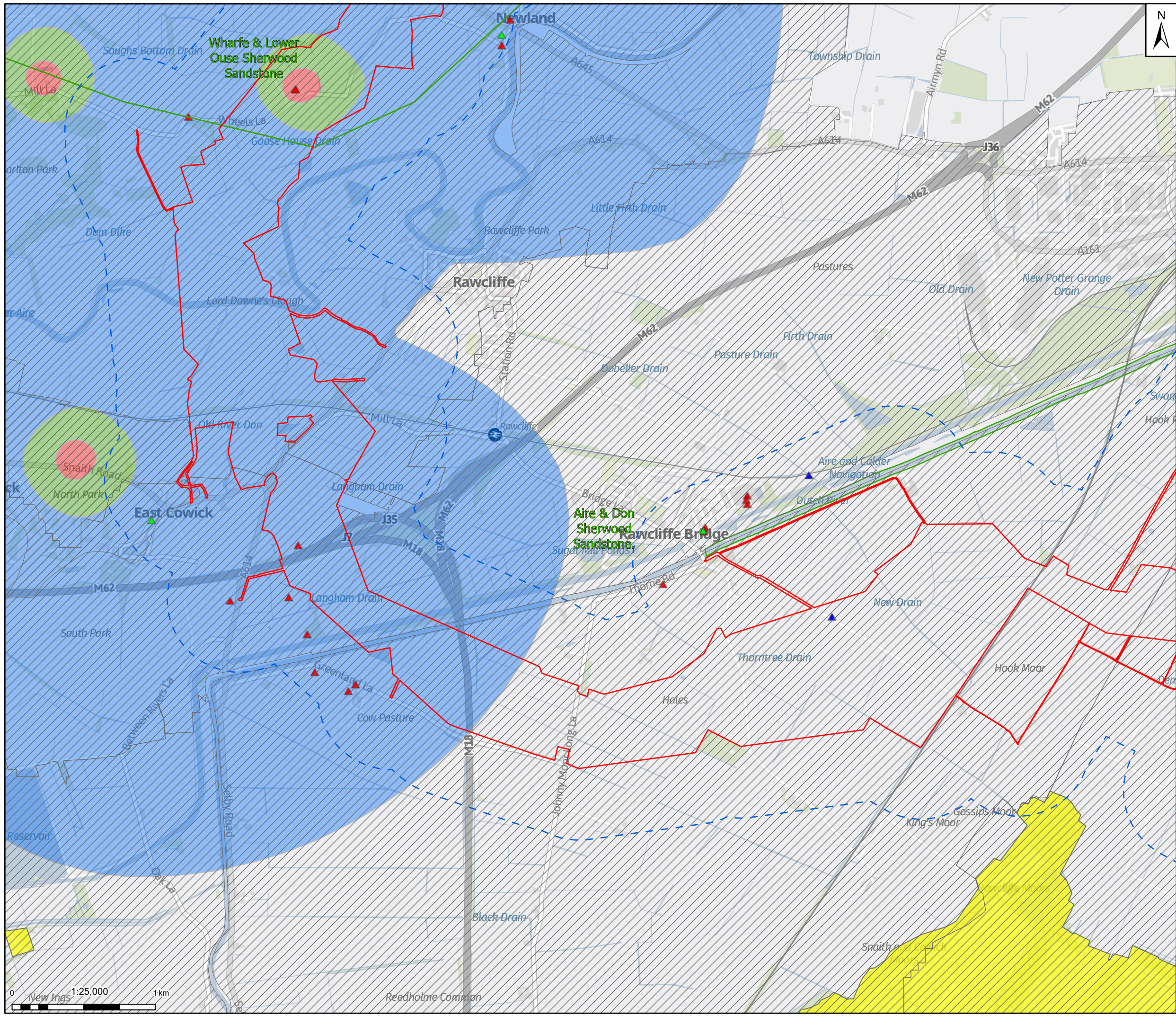
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Title: **Figure 10.5 Groundwater Receptors and Features Page 1 of 15**

Designed	C.D.	Date: 30 SEP 25	Signed
Drawn	R.M.	Date: 30 SEP 25	Signed
Checked	C.D.	Date: 30 SEP 25	Signed
Approved	J.C.	Date: 30 SEP 25	Signed
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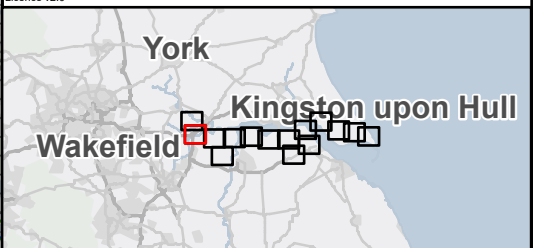
Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
 Revision: P01



**Legend**

- Draft Order Limits (Red line)
- 500m study area (Blue dashed line)
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater) (Green/Red circles)
- WFD Groundwater Bodies (Cycle 3 Classification 2022) (Green/Red circles)
- Historical Water Wells (BGS) DEPTH (Blue triangles)
- 10 - 30m (Green triangle)
- 30m+ (Red triangle)
- Source Protection Zone (SPZ1 - Inner Protection Zone, SPZ2 - Outer Protection Zone, SPZ3 - Total Catchment Groundwater, Dependent Terrestrial Ecosystem)

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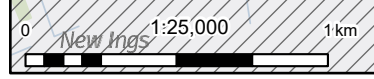
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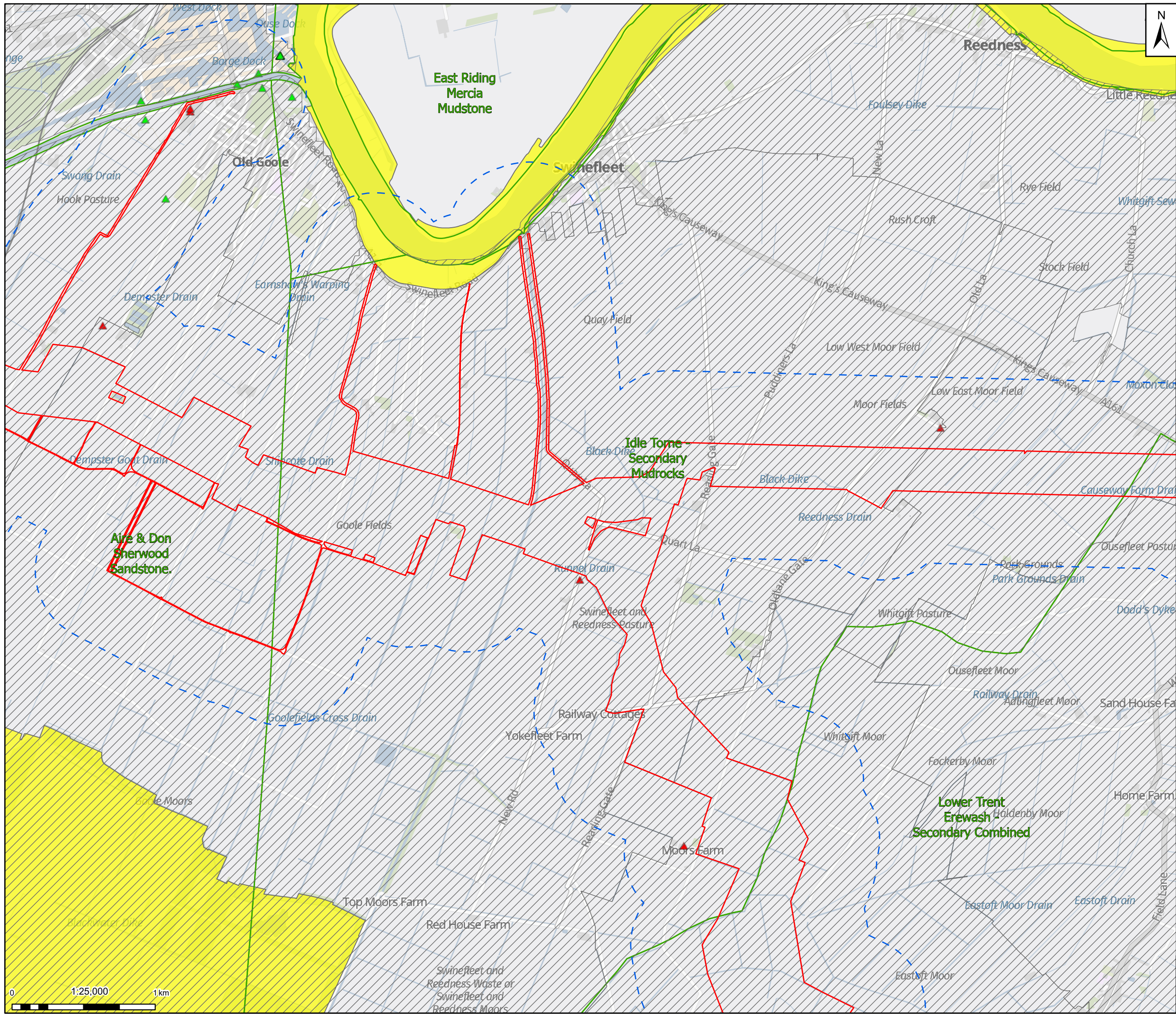
Title: **Figure 10.5 Groundwater Receptors and Features Page 2 of 15**

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Approved	J.C.	Date: 30 SEP 25	Signed
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Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
 Revision: P01





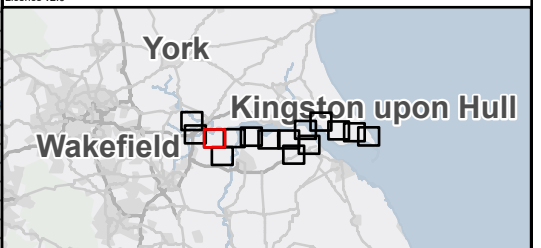
**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- ▲ 10 - 30m
- ▲ 30m+
- Groundwater
- Dependent Terrestrial Ecosystem

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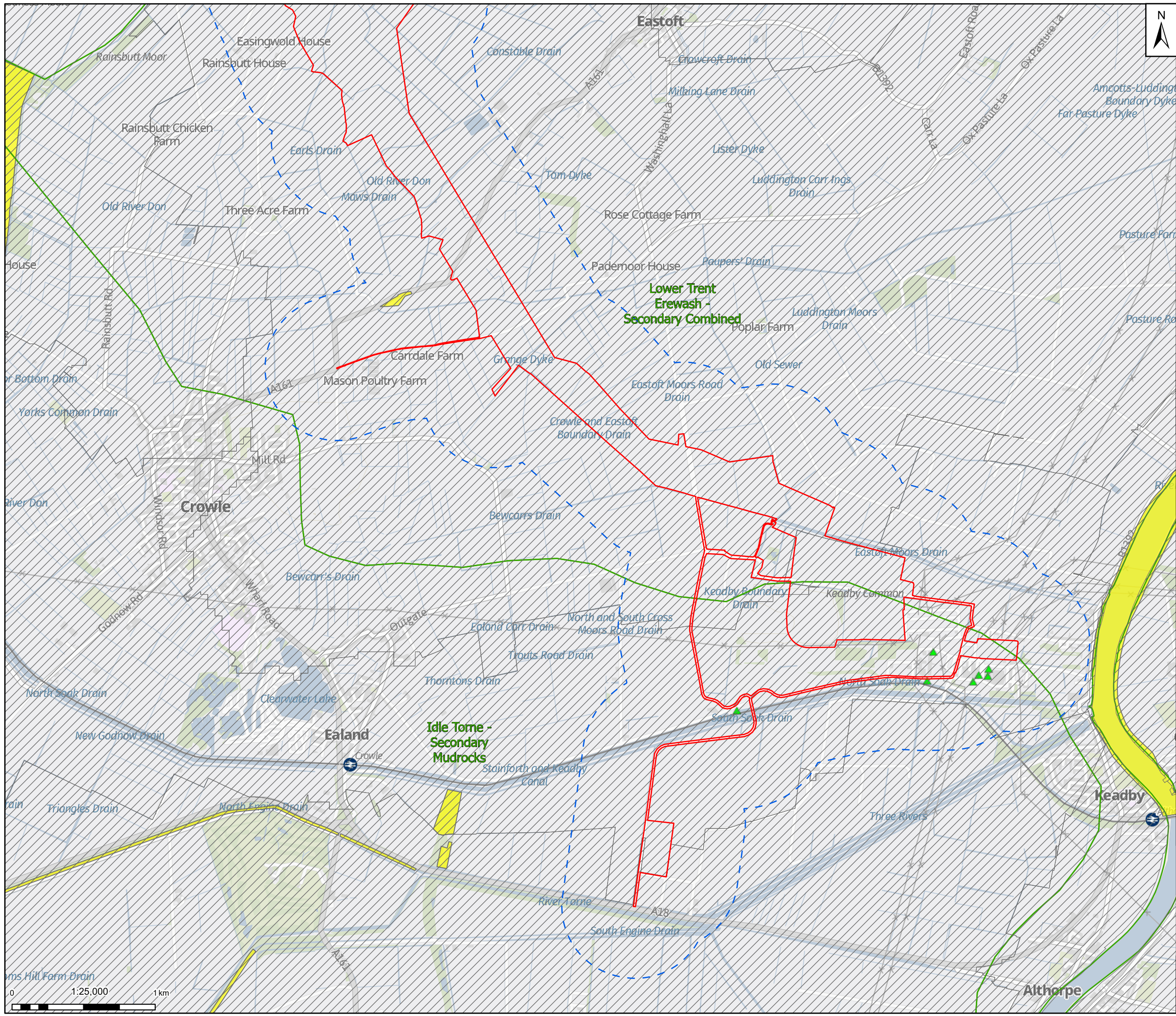
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Title: **Figure 10.5 Groundwater Receptors and Features Page 3 of 15**

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Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
Revision: P01



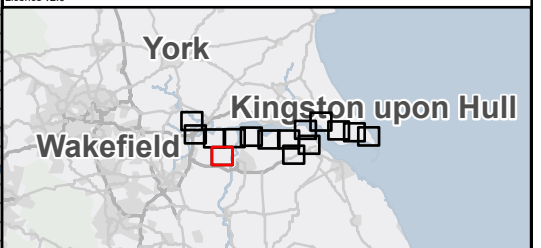
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- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- 10 - 30m
- Groundwater
- Dependent Terrestrial Ecosystem

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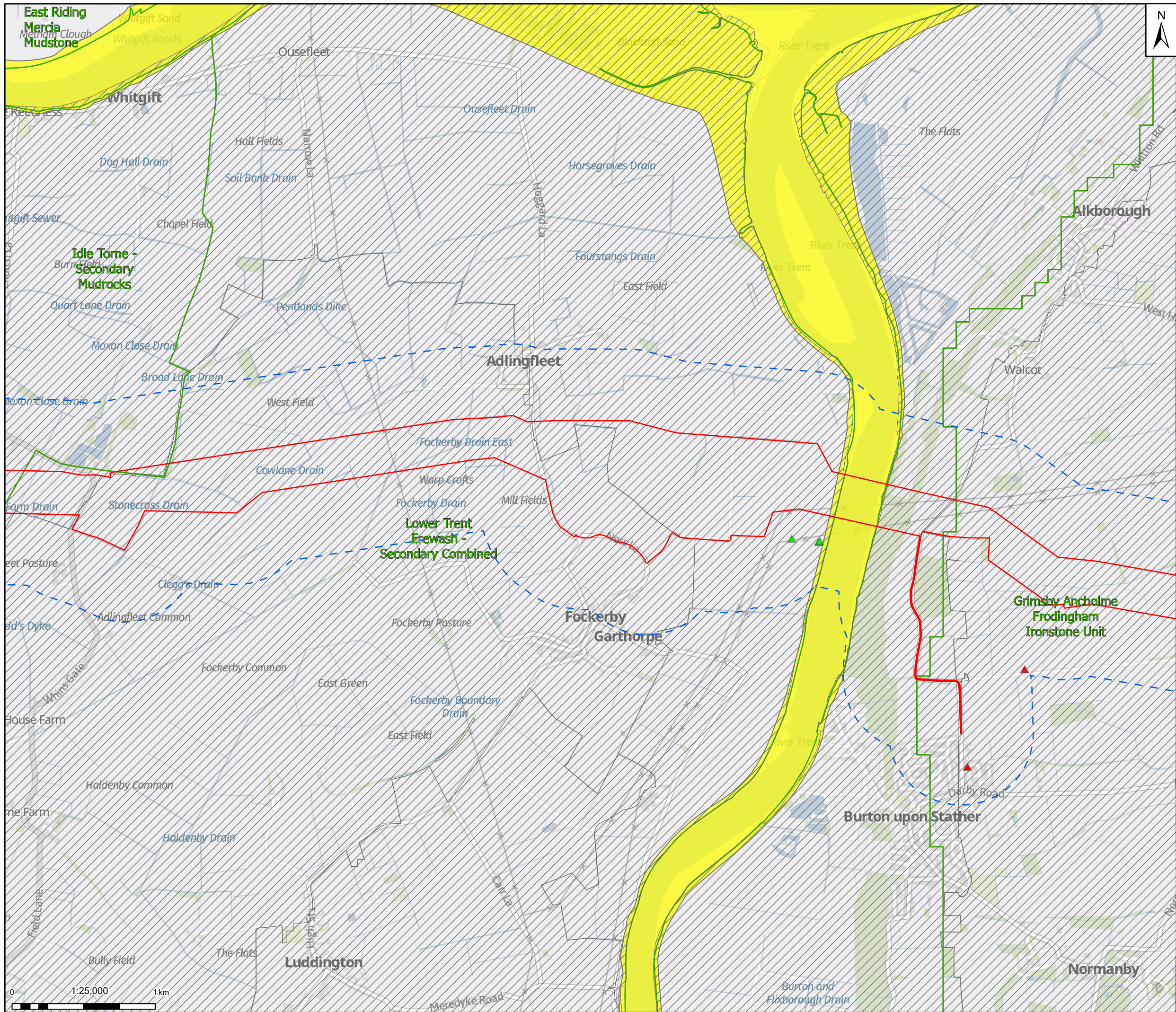
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Title: **Figure 10.5 Groundwater Receptors and Features Page 4 of 15**

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Approved	J.C.	Date: 30 SEP 25	Signed
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Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
Revision: P01



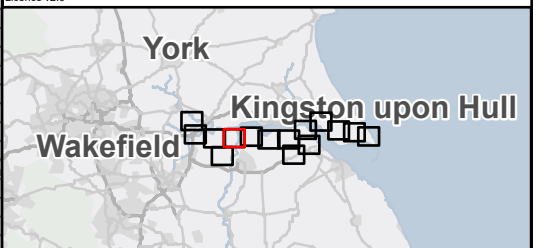
**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- ▲ 10 - 30m
- ▲ 30m+
- Groundwater
- Dependent Terrestrial Ecosystem

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TW16 7BP

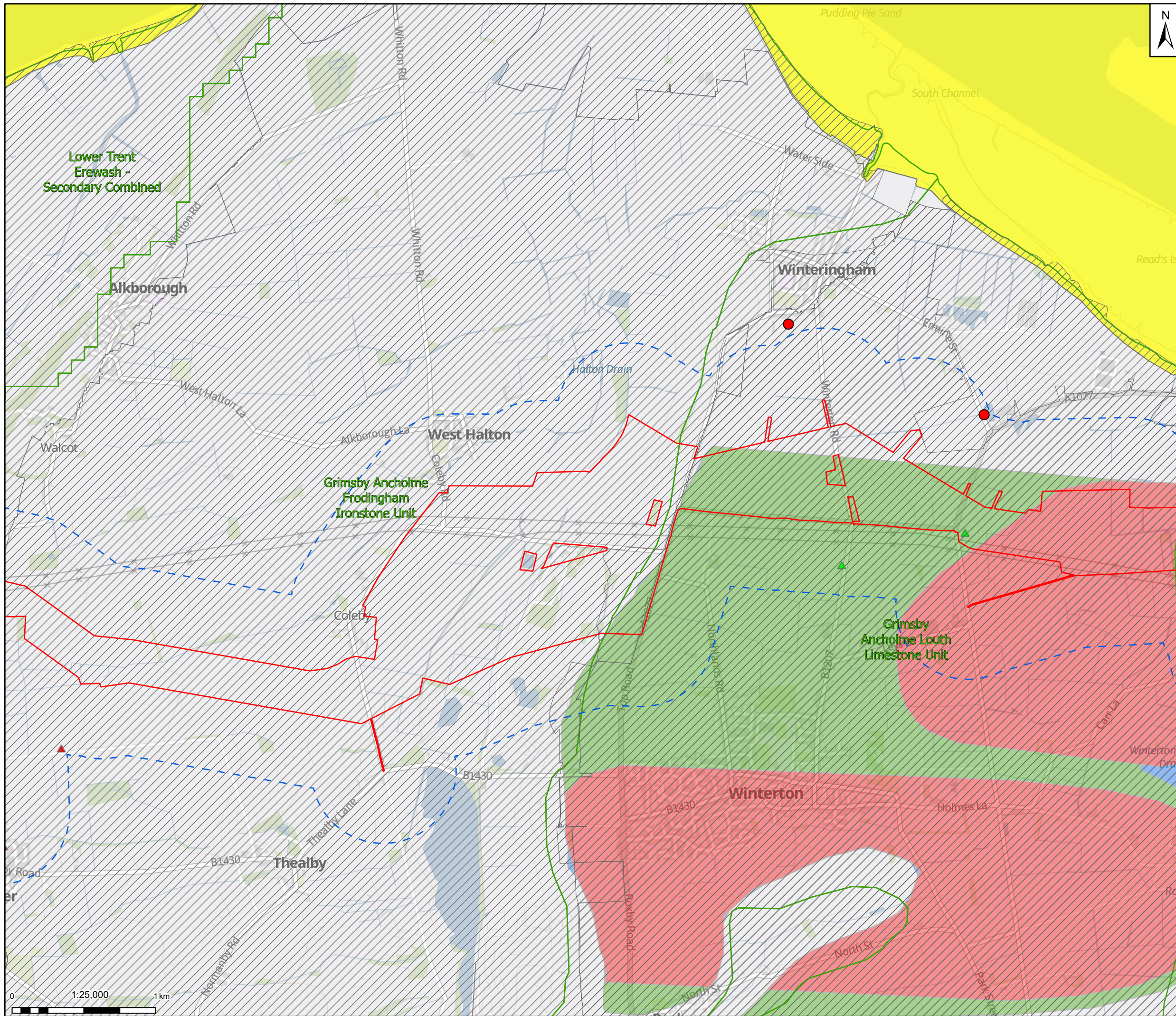
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Title: **Figure 10.5  
Groundwater Receptors and Features  
Page 5 of 15**

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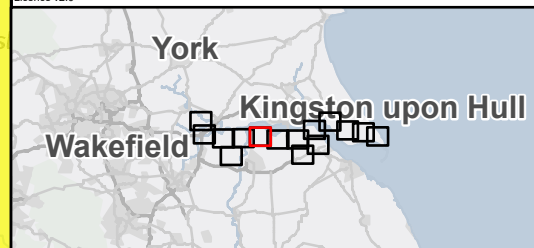
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Revision: P01



**Legend**

- Draft Order Limits
- 500m study area
- Historical Springs (BGS)
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)
- DEPTH
  - ▲ 10 - 30m
  - ▲ 30m+
- Source Protection Zone
  - SPZ1 - Inner Protection Zone
  - SPZ2 - Outer Protection Zone
  - SPZ3 - Total Catchment
- Groundwater Dependent Terrestrial Ecosystem

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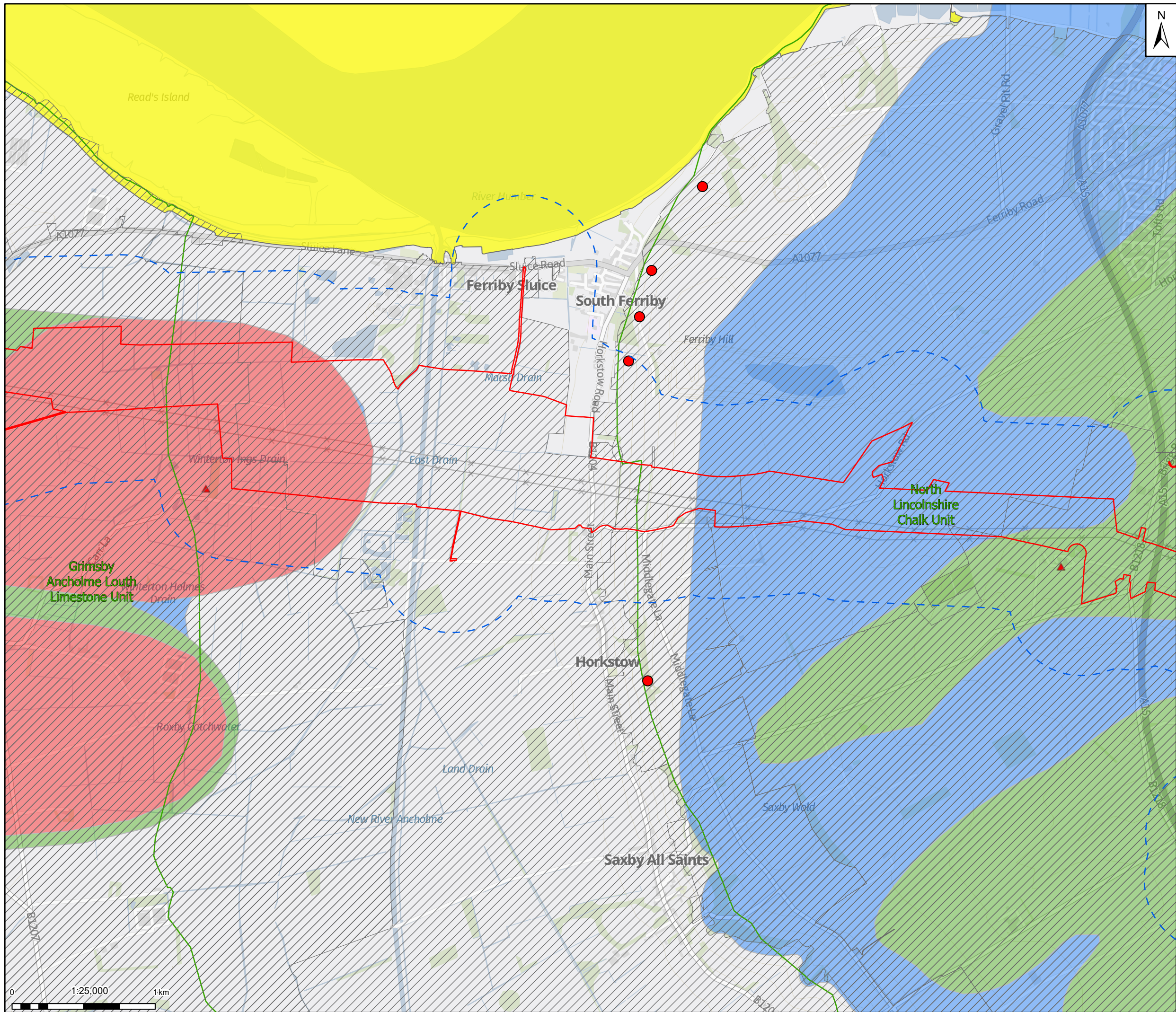
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 Page 6 of 15

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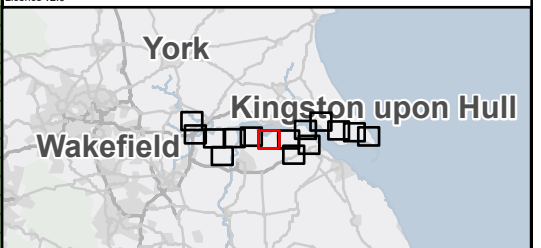
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 Revision: **P01**



**Legend**

- Draft Order Limits
- 500m study area
- Historical Springs (BGS)
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS) DEPTH
- 30m+
- Source Protection Zone
- SPZ1 - Inner Protection Zone
- SPZ2 - Outer Protection Zone
- SPZ3 - Total Catchment
- Groundwater Dependent Terrestrial Ecosystem

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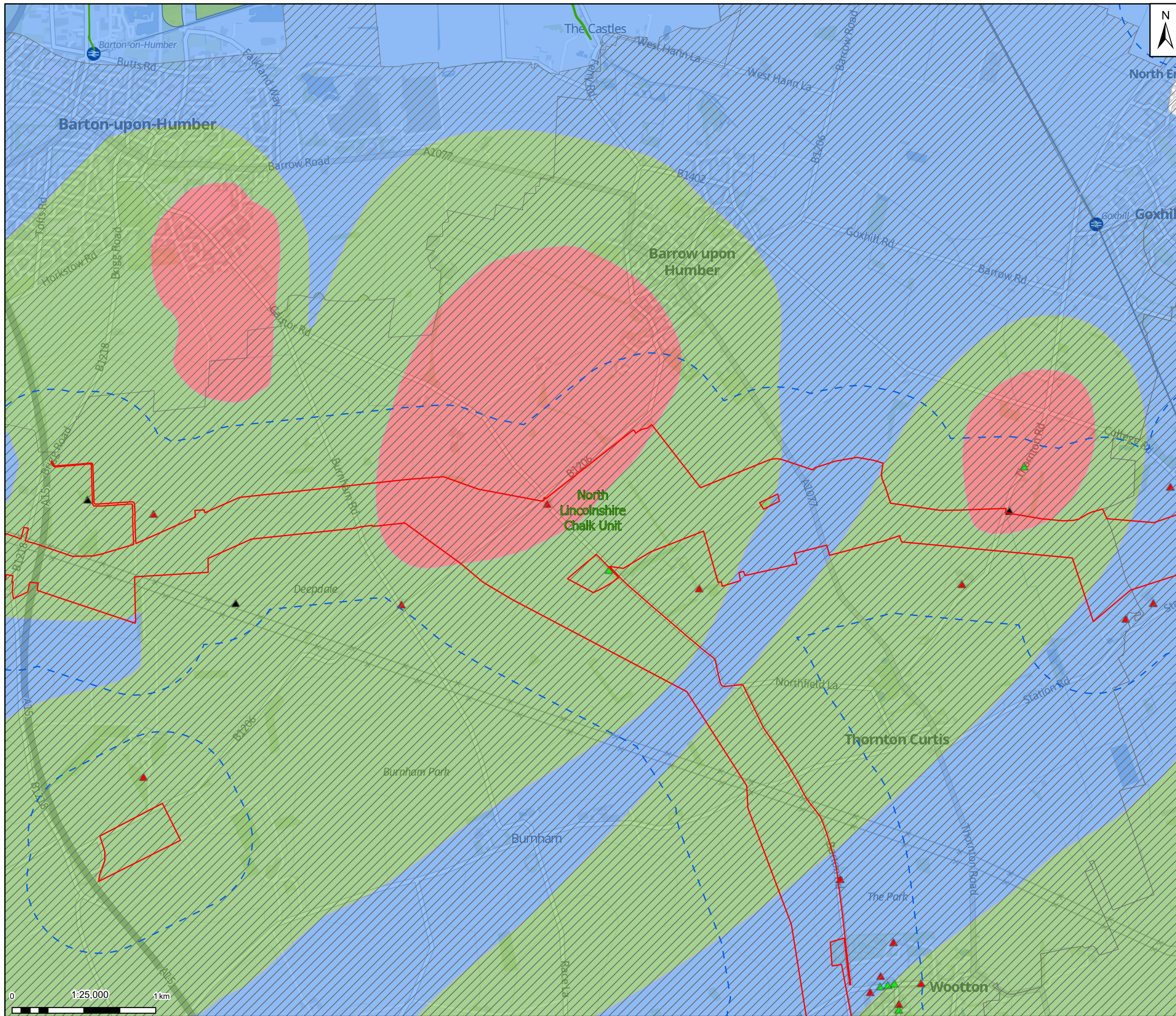
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Title: **Figure 10.5 Groundwater Receptors and Features**  
 Page 7 of 15

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Approved	J.C.	Date: 30 SEP 25	Signed
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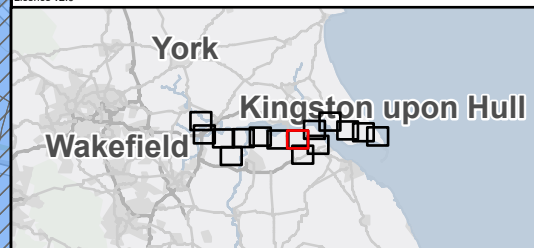
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 Revision: **P01**



**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)
- DEPTH
- Not Available
- ▲ 10 - 30m
- ▲ 30m+
- Source Protection Zone**
- SPZ1 - Inner Protection Zone
- SPZ2 - Outer Protection Zone
- SPZ3 - Total Catchment
- Groundwater Dependent Terrestrial Ecosystem

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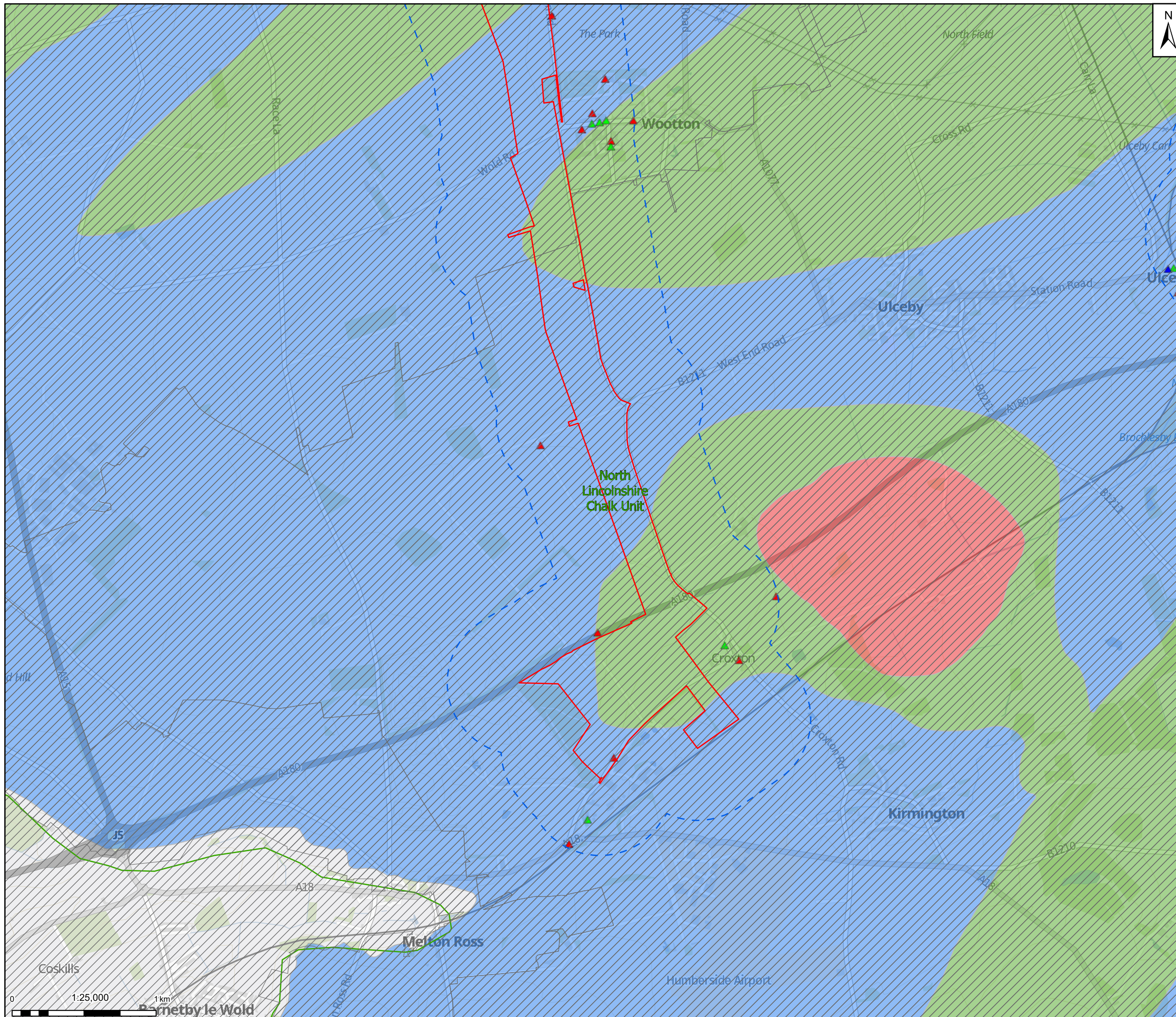
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**Groundwater Receptors and Features**  
Page 8 of 15

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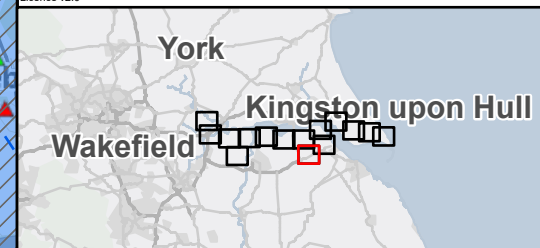
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- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)
- ▲ 10 - 30m
- ▲ 30m+
- Source Protection Zone**
- SPZ1 - Inner Protection Zone
- SPZ2 - Outer Protection Zone
- SPZ3 - Total Catchment

**DEPTH**

- ▲ 0 - 10m

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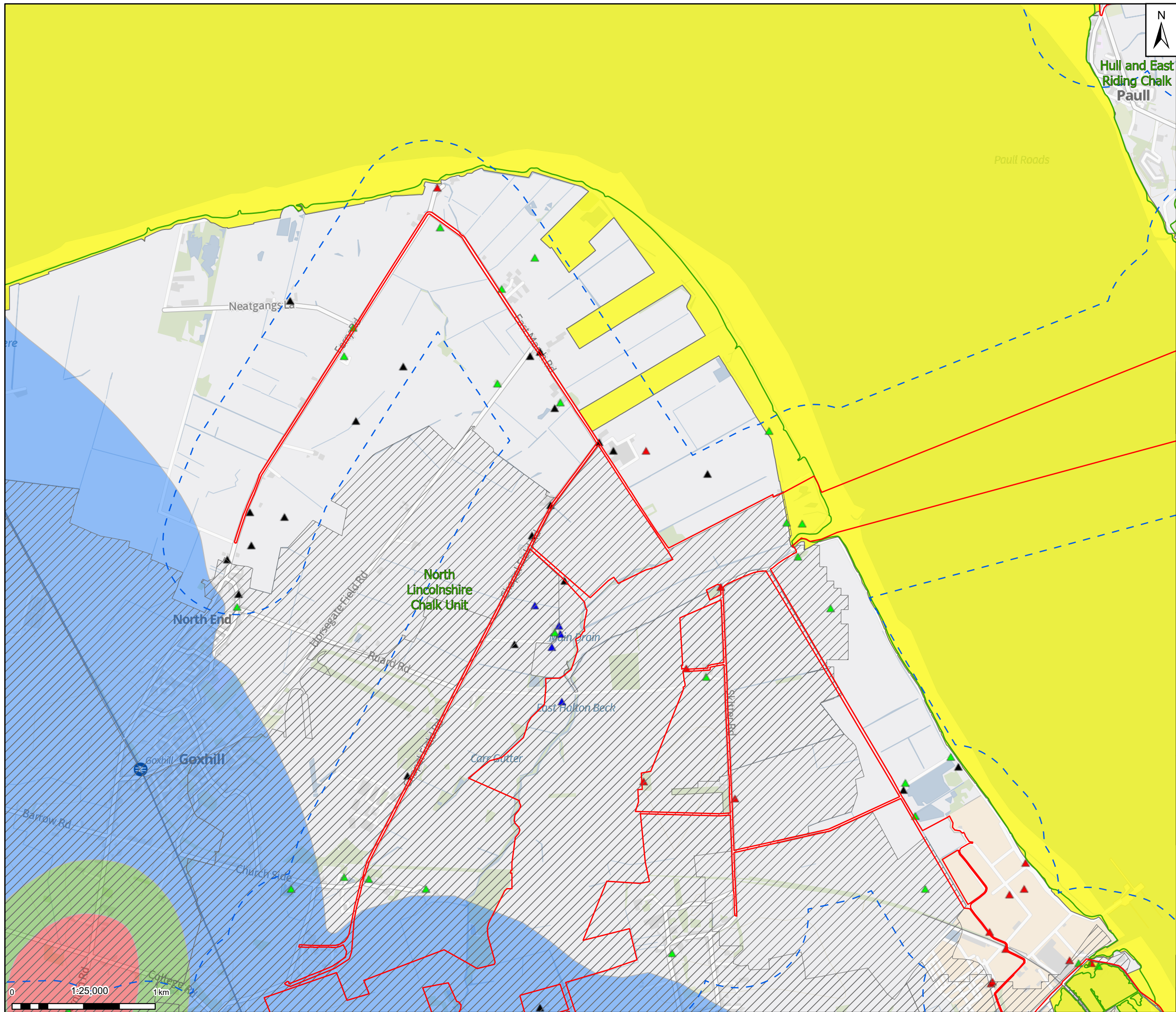
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**Figure 10.5**  
**Groundwater Receptors and Features**  
Page 9 of 15

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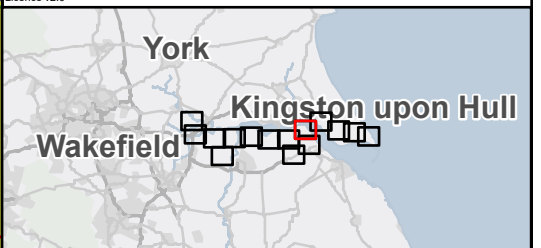
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**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)
- DEPTH
  - ▲ Not Available
  - ▲ 0 - 10m
  - ▲ 10 - 30m
  - ▲ 30m+
- Source Protection Zone
  - SPZ1 - Inner Protection Zone
  - SPZ2 - Outer Protection Zone
  - SPZ3 - Total Catchment
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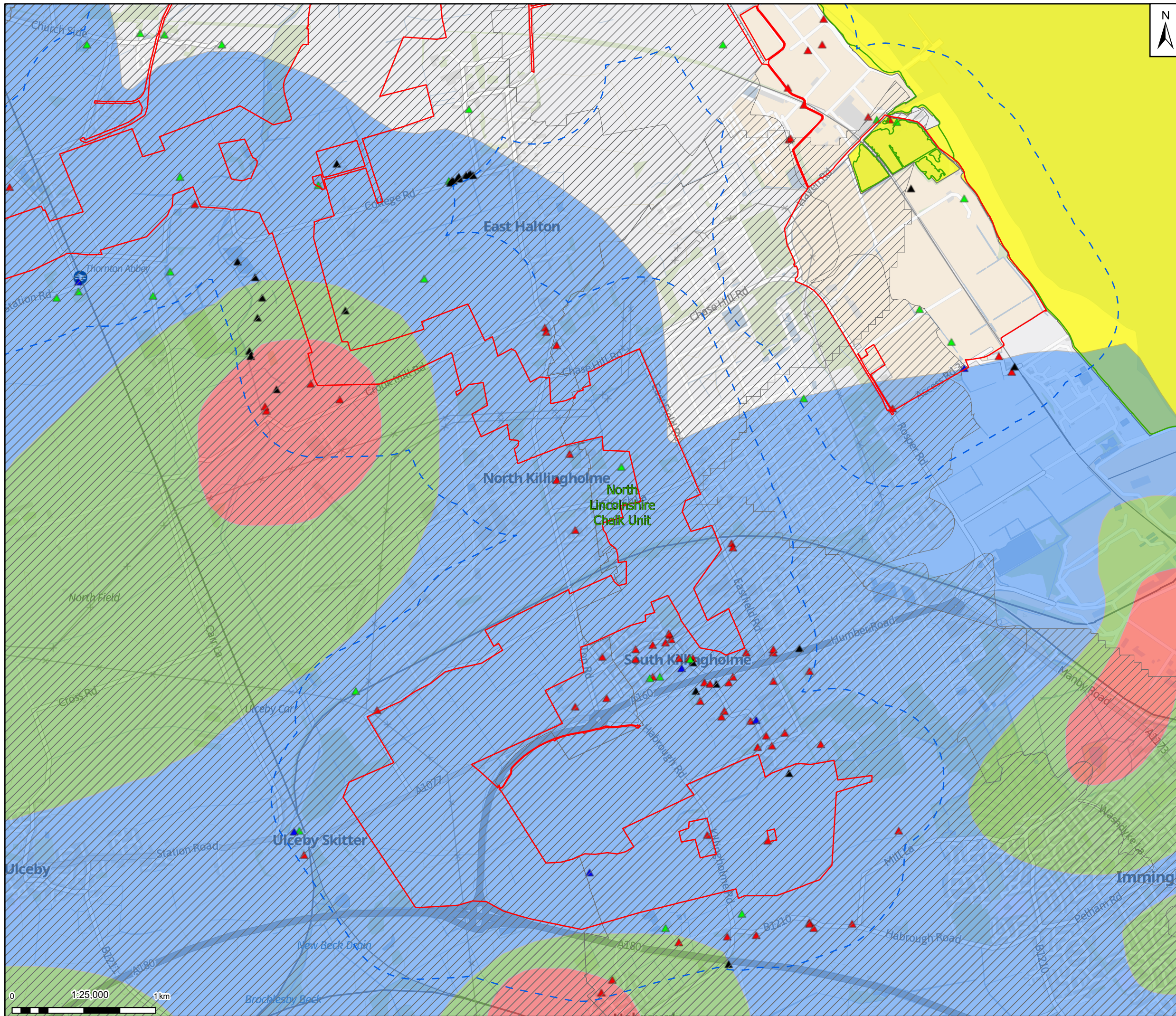
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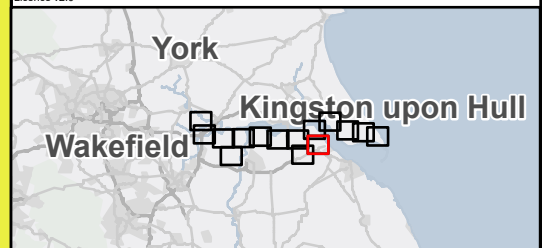
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Revision: **P01**



**Legend**

Draft Order Limits	10 - 30m
500m study area	30m+
Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)	<b>Source Protection Zone</b>
WFD Groundwater Bodies (Cycle 3 Classification 2022)	SPZ1 - Inner Protection Zone
Historical Water Wells (BGS)	SPZ2 - Outer Protection Zone
DEPTH	SPZ3 - Total Catchment
Not Available	Groundwater
0 - 10m	Dependent Terrestrial Ecosystem

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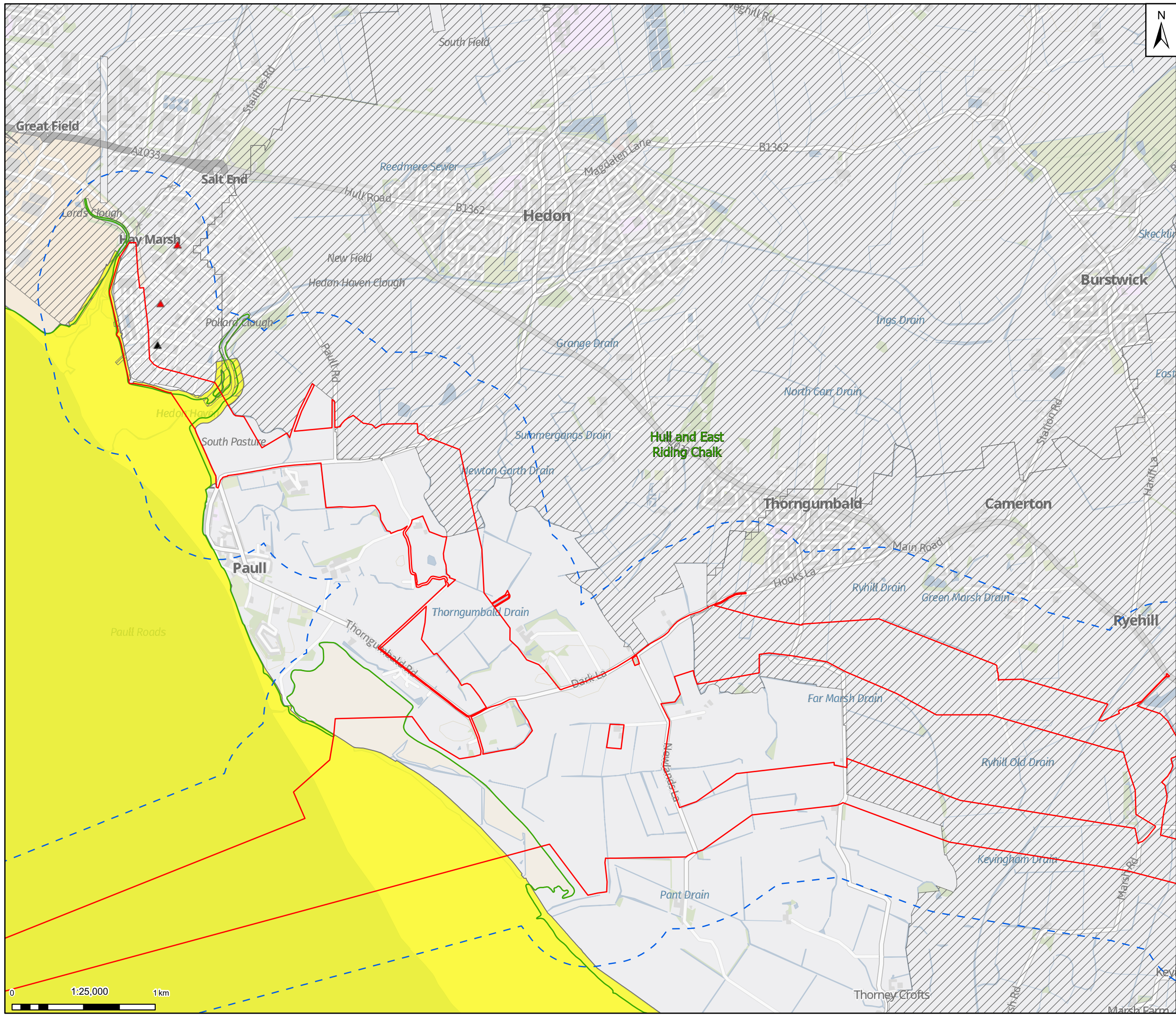
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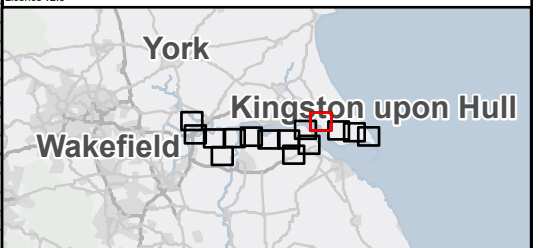
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- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- ▲ Not Available
- ▲ 30m+
- Groundwater
- Dependent Terrestrial Ecosystem

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01	30/09/25	INITIAL ISSUE	RM	CD	JC

Client:

**Northern Endurance Partnership**

**PROJECT: HUMBER CARBON CAPTURE PIPELINE**

**Site:** Humber

**Client:** Net Zero North Sea Storage Limited  
Chertsey Road  
Sunbury On Thames  
Middlesex  
United Kingdom  
TW16 7BP

**ARCADIS**

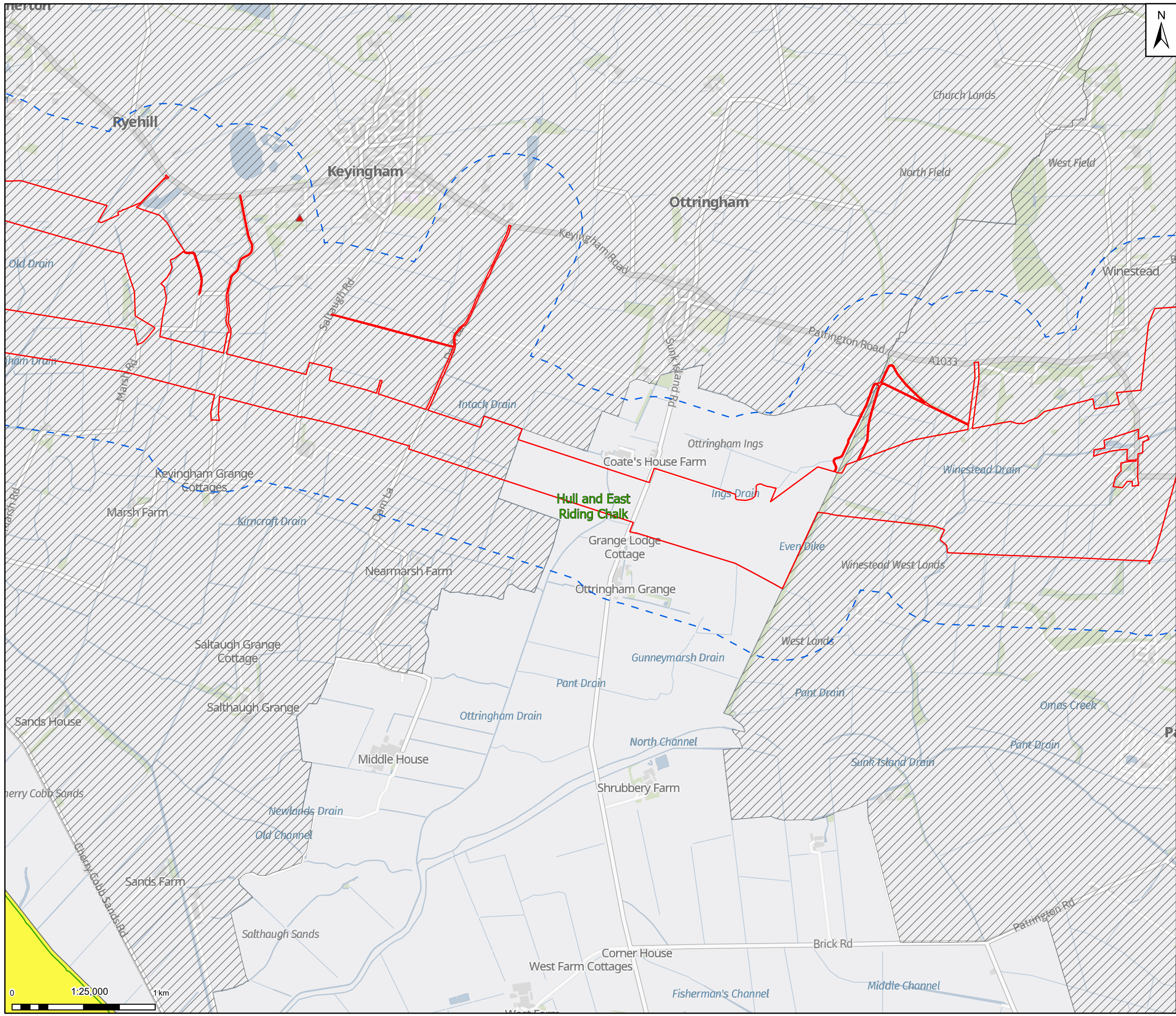
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Coordinating Office: 5th Floor, 401 Faraday Street, Warrington WA3 6GA  
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Title: **Figure 10.5 Groundwater Receptors and Features**  
Page 12 of 15

Designed	C.D.	Date: 30 SEP 25	Signed
Drawn	R.M.	Date: 30 SEP 25	Signed
Checked	C.D.	Date: 30 SEP 25	Signed
Approved	J.C.	Date: 30 SEP 25	Signed
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
Revision: P01



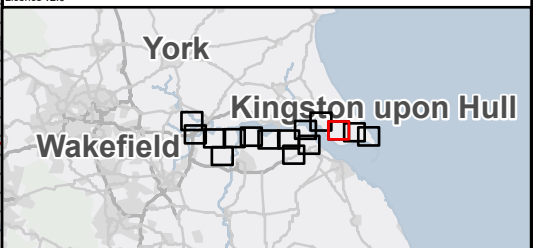
**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- 30m+ Groundwater Dependent Terrestrial Ecosystem

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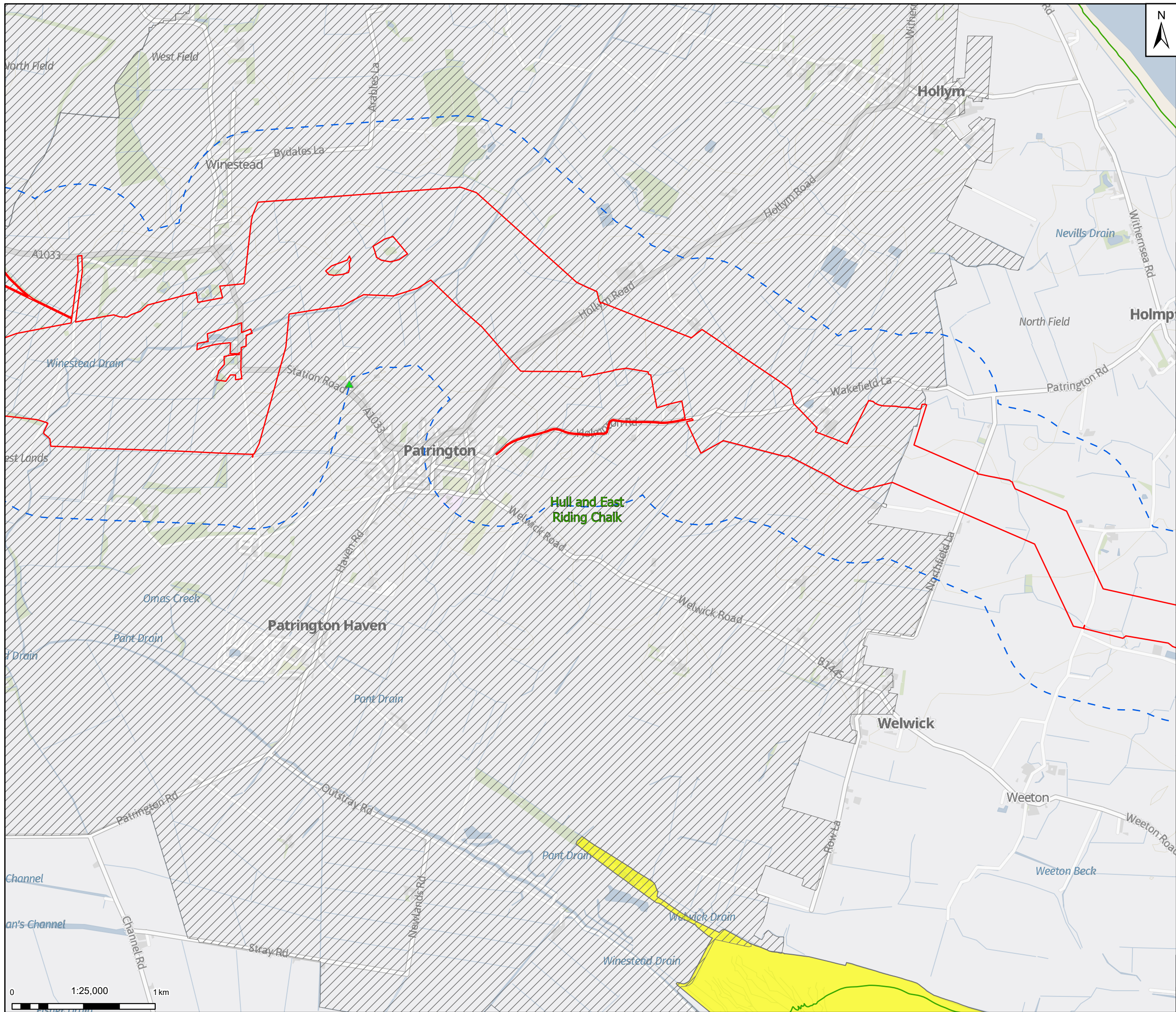
Title: **Figure 10.5 Groundwater Receptors and Features Page 13 of 15**

Designed	C.D.	Date: 30 SEP 25	Signed
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Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
Revision: **P01**





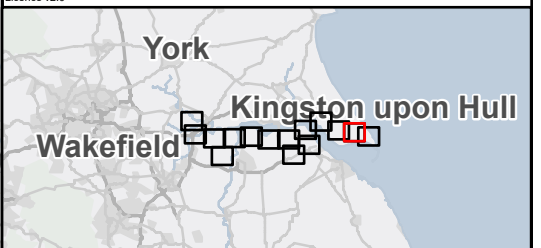
**Legend**

- Draft Order Limits
- 500m study area
- Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
- WFD Groundwater Bodies (Cycle 3 Classification 2022)
- Historical Water Wells (BGS)

**DEPTH**

- 10 - 30m Groundwater
- Dependent Terrestrial Ecosystem

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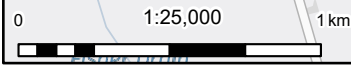
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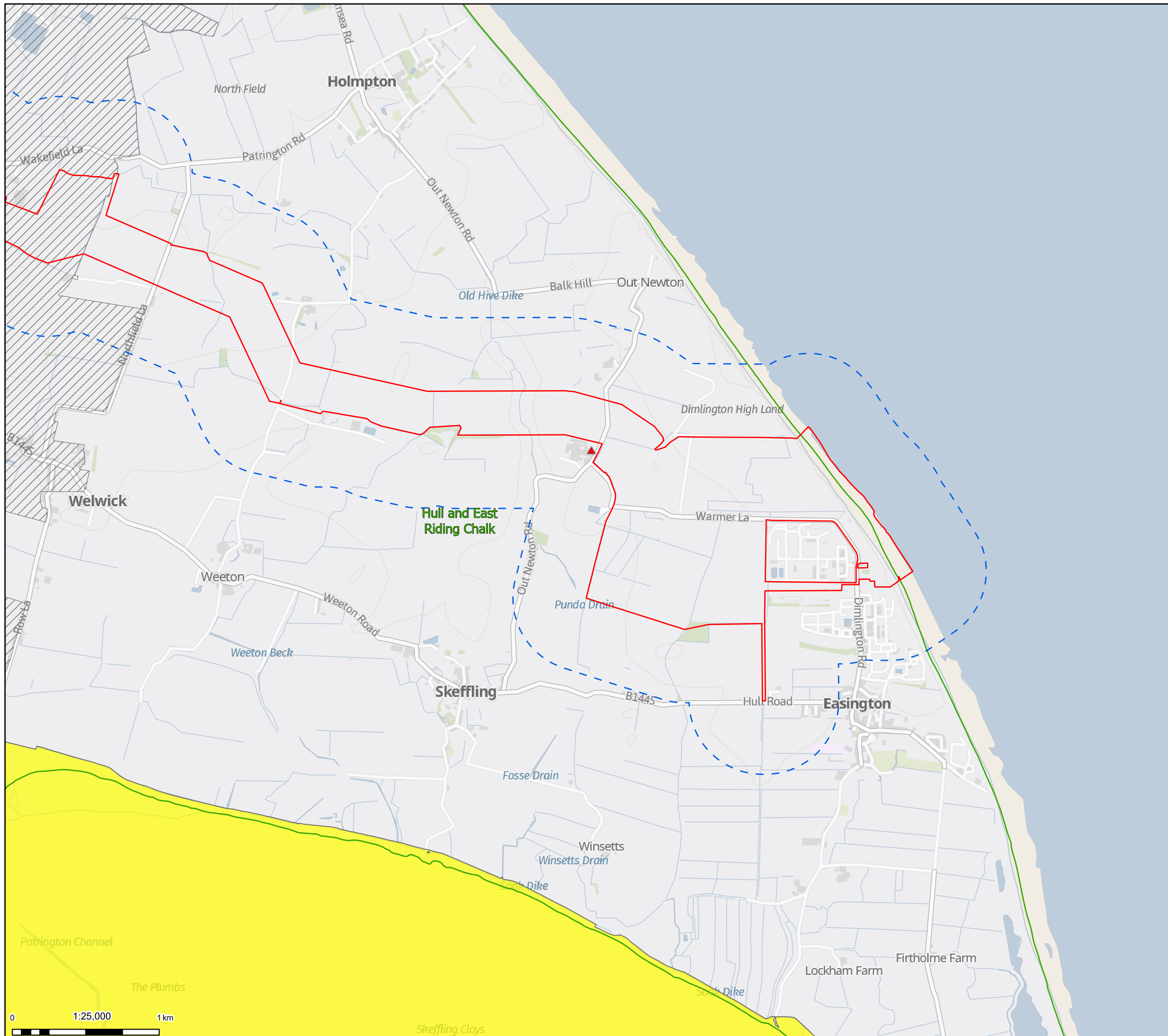
Title: **Figure 10.5  
Groundwater Receptors and Features  
Page 14 of 15**

Designed	C.D.	Date: 30 SEP 25	Signed
Drawn	R.M.	Date: 30 SEP 25	Signed
Checked	C.D.	Date: 30 SEP 25	Signed
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Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

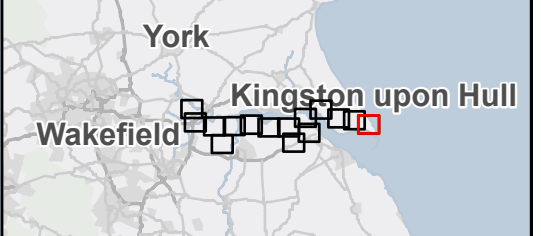
Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00069-S2  
Revision: **P01**






- Legend**
- Draft Order Limits
  - 500m study area
  - Nitrate Vulnerable Zones (NVZ) 2021 Designations (Groundwater)
  - WFD Groundwater Bodies (Cycle 3 Classification 2022)
  - Historical Water Wells (BGS)
- DEPTH**
- ▲ 30m+ Groundwater
  - Dependent Terrestrial Ecosystem

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Title:

**Figure 10.5**  
**Groundwater Receptors and Features**  
Page 15 of 15

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