

**The Great Grid Upgrade**

Grimsby to Walpole

# Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 6 Refined Weston Marsh Substation Siting Zone to New  
Walpole B Substation

Chapter 6 Water Environment and Flood Risk

Figures

June 2025

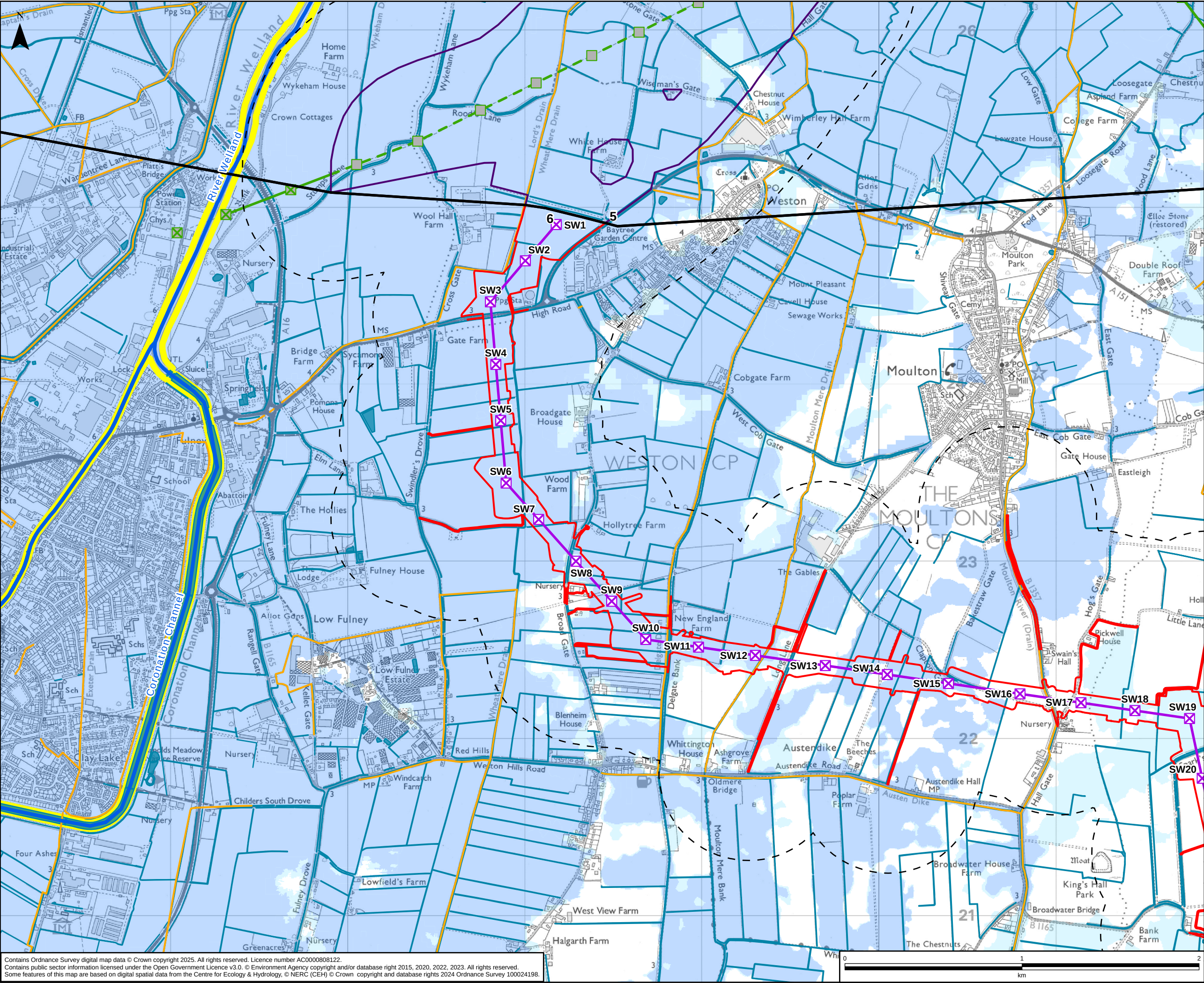




# Volume 2 Part B Section 6 Chapter 6 – Figure List

| Figure number | Figure title                                        |
|---------------|-----------------------------------------------------|
| Figure 6.1    | Water Environment Receptors and Study Area          |
| Figure 6.2    | Principal Local Water Environment Regulators        |
| Figure 6.3    | Surface Water Flood Risk                            |
| Figure 6.4    | Water Framework Directive Surface Water Body Status |





GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Environment Agency Main River
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Spatial Flood Defence
- Flood Zone 2
- Flood Zone 3

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 14/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

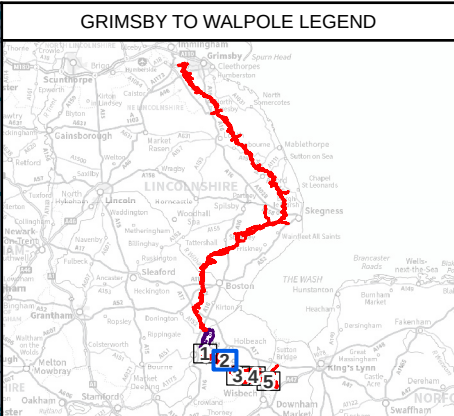
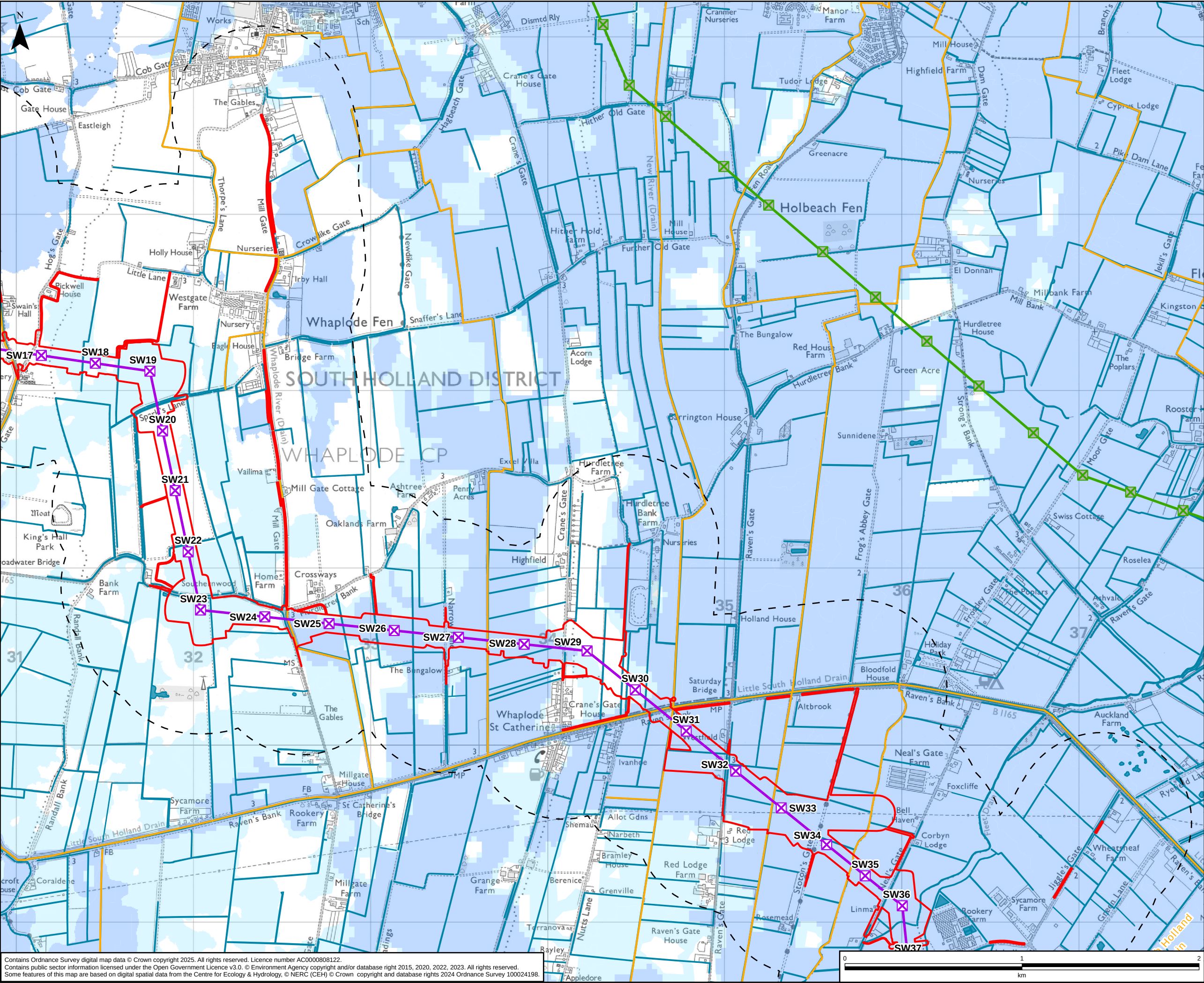
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.1  
WATER ENVIRONMENT RECEPTORS AND STUDY AREA

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 14/05/2025 | Checker: SA | Date: 14/05/2025 | Approver: DR | Date: 14/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 1 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.





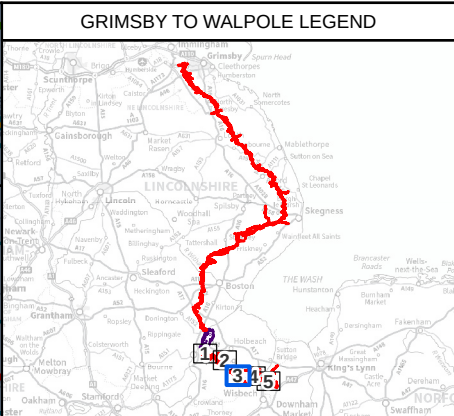
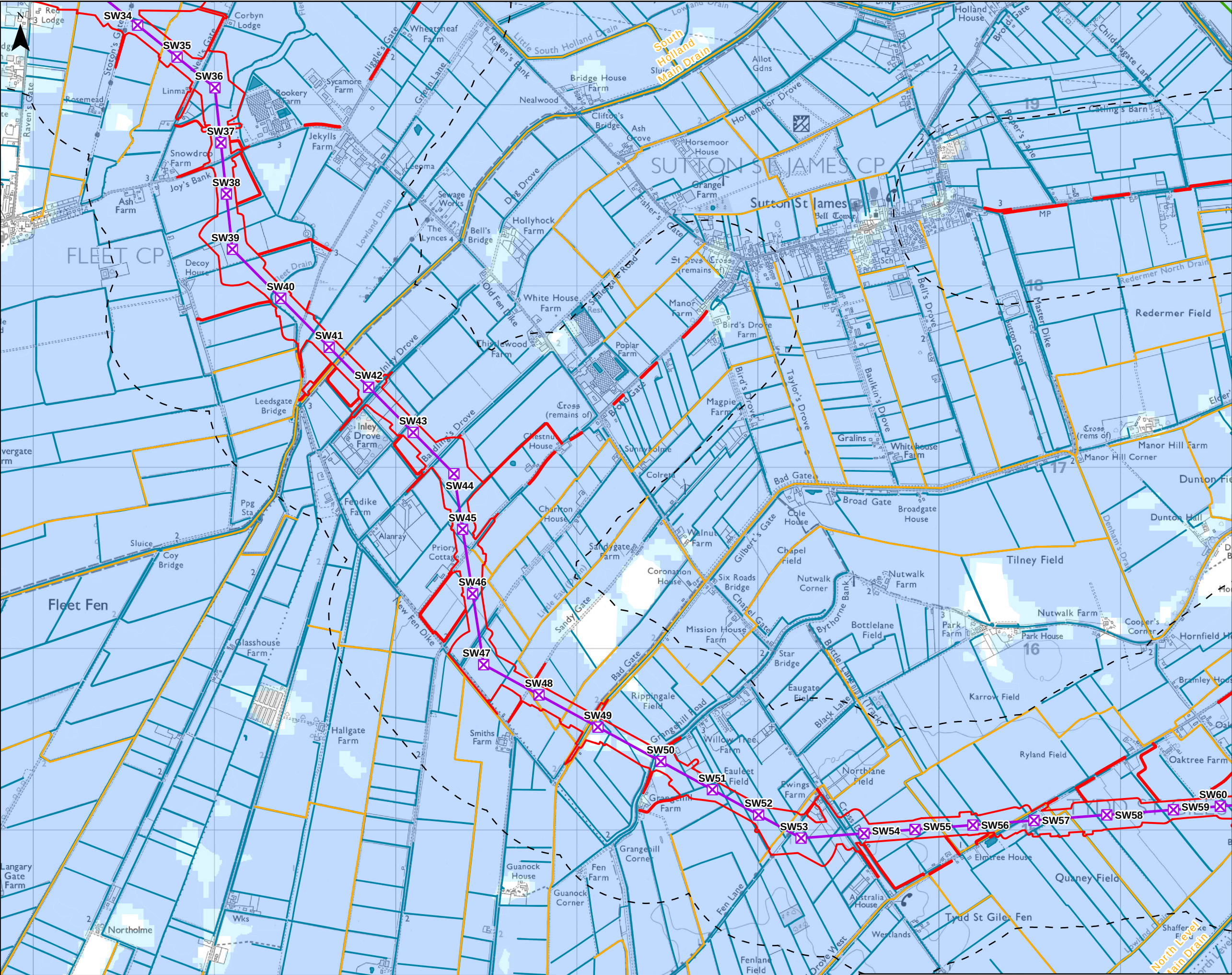
**GRIMSBY TO WALPOLE LEGEND**

**Legend**

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Flood Zone 2
- Flood Zone 3

|                 |            |                                                          |            |           |            |
|-----------------|------------|----------------------------------------------------------|------------|-----------|------------|
| A               | 14/05/2025 | First Issue                                              | LC         | SA        | DR         |
| Rev             | Date       | Description                                              | GIS        | Chk       | App        |
| nationalgrid    |            |                                                          |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                                   |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                                       |            |           |            |
| Document Title: |            | FIGURE 6.1<br>WATER ENVIRONMENT RECEPTORS AND STUDY AREA |            |           |            |
| Creator:        | Date:      | Checker:                                                 | Date:      | Approver: | Date:      |
| LC              | 14/05/2025 | SA                                                       | 14/05/2025 | DR        | 14/05/2025 |
| Document Type:  | Scale:     | Format:                                                  | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                                       | 2 OF 5     | A         |            |





**GRIMSBY TO WALPOLE LEGEND**

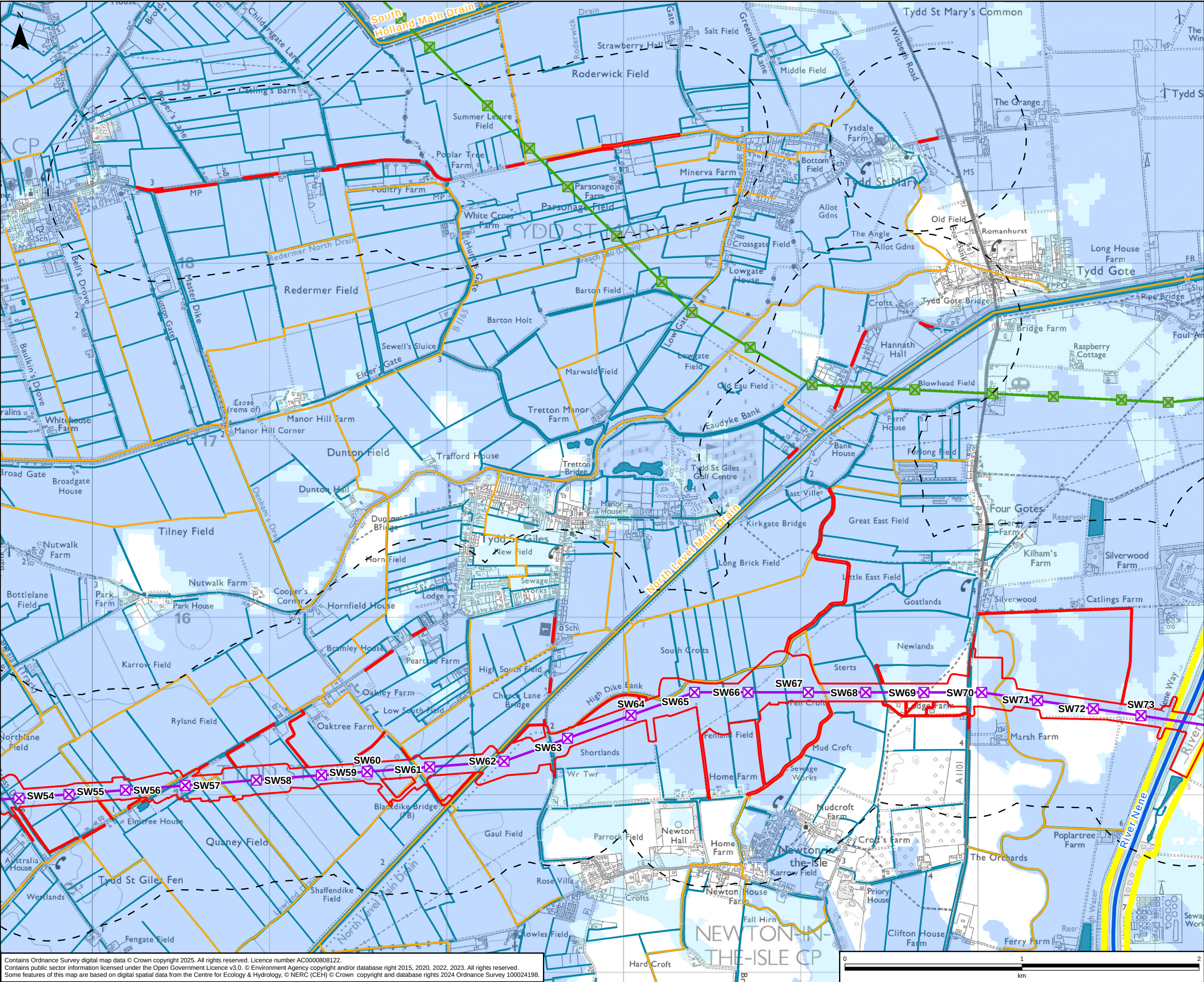
- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Flood Zone 2
- Flood Zone 3

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.



|                 |            |                                                          |            |           |            |
|-----------------|------------|----------------------------------------------------------|------------|-----------|------------|
| A               | 14/05/2025 | First Issue                                              | LC         | SA        | DR         |
| Rev             | Date       | Description                                              | GIS        | Chk       | App        |
| nationalgrid    |            |                                                          |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                                   |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                                       |            |           |            |
| Document Title: |            | FIGURE 6.1<br>WATER ENVIRONMENT RECEPTORS AND STUDY AREA |            |           |            |
| Creator:        | Date:      | Checker:                                                 | Date:      | Approver: | Date:      |
| LC              | 14/05/2025 | SA                                                       | 14/05/2025 | DR        | 14/05/2025 |
| Document Type:  | Scale:     | Format:                                                  | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                                       | 3 OF 5     | A         |            |





GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Environment Agency Main River
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Spatial Flood Defence
- Flood Zone 2
- Flood Zone 3

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 14/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

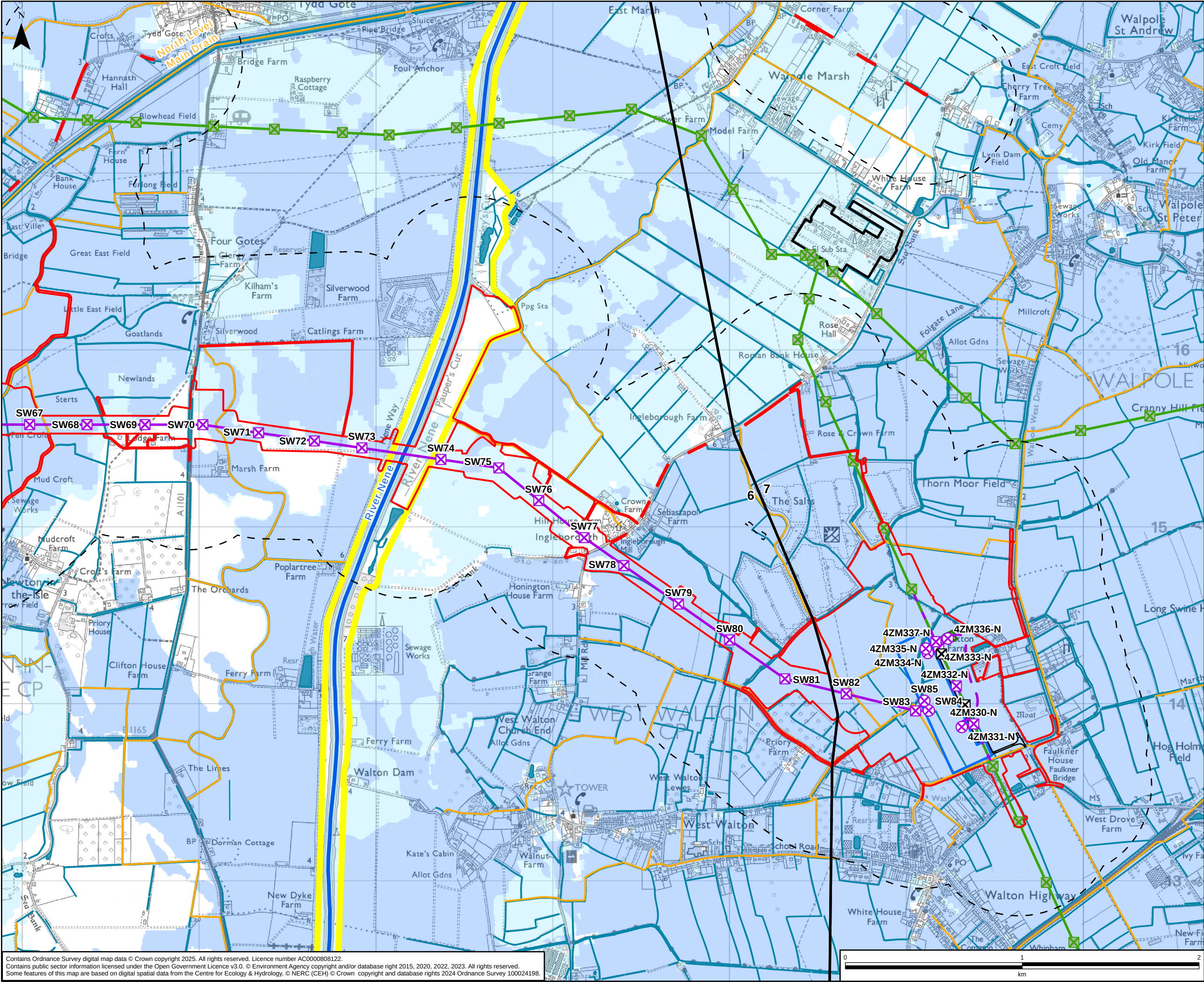
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.1  
WATER ENVIRONMENT RECEPTORS AND STUDY AREA

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 14/05/2025 | Checker: SA | Date: 14/05/2025 | Approver: DR | Date: 14/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 4 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.





GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Indicative New Substation Boundary
- Indicative Cable Sealing End Compound Boundary
- Indicative Permanent Substation Access Route
- Environment Agency Main River
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Spatial Flood Defence
- Flood Zone 2
- Flood Zone 3

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 14/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

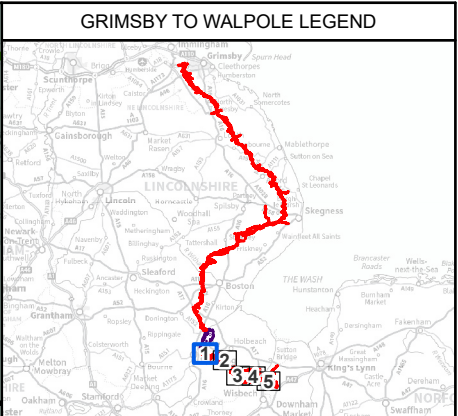
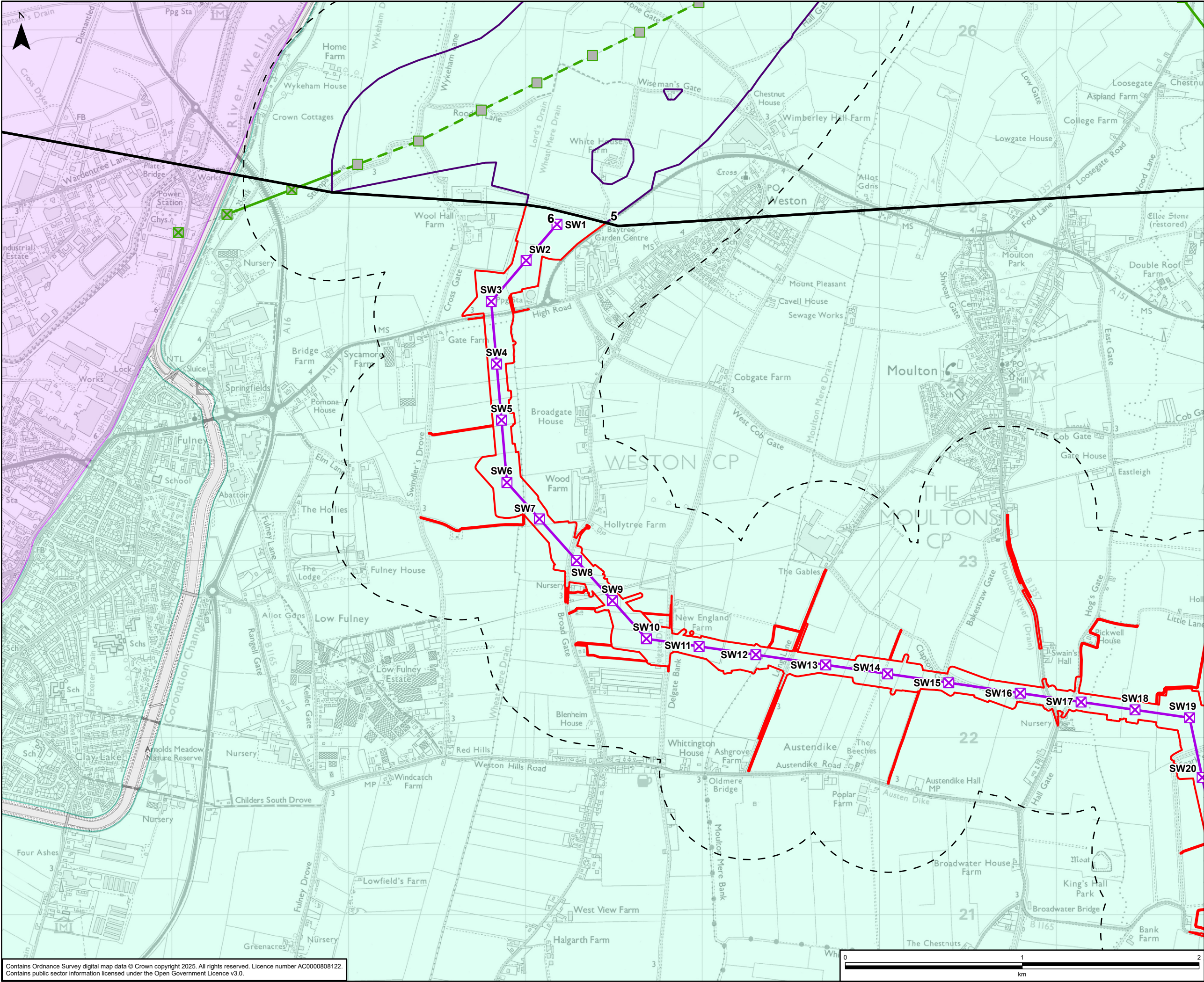
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.1  
WATER ENVIRONMENT RECEPTORS AND STUDY AREA

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 14/05/2025 | Checker: SA | Date: 14/05/2025 | Approver: DR | Date: 14/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 5 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.





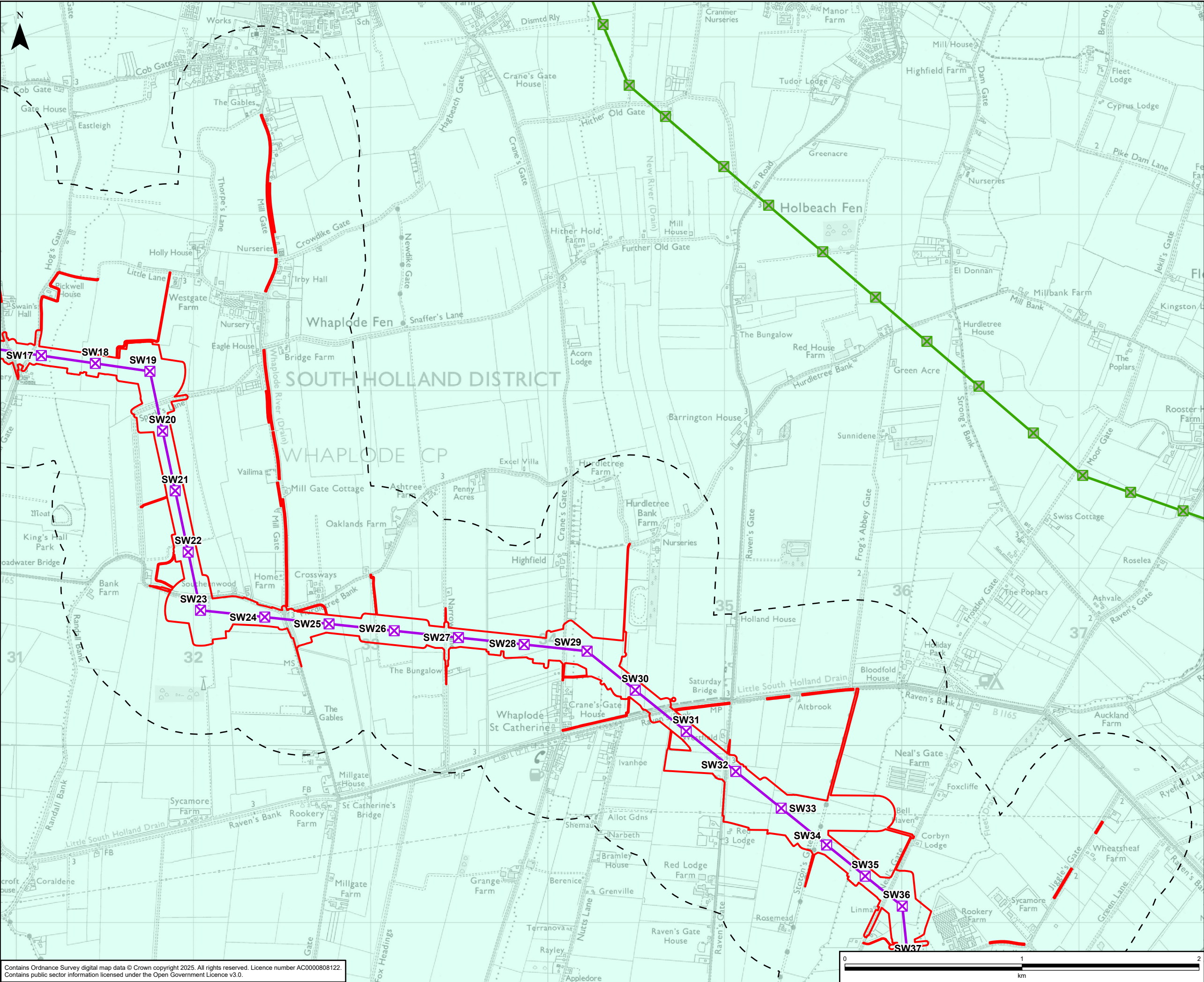
- GRIMSBY TO WALPOLE LEGEND**
- Draft Order Limits
  - Refined Weston Marsh Substation Siting Zone
  - Route Section Break
  - 500m Study Area
  - Indicative New Lattice Pylon
  - Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
  - Existing Lattice Pylon - Not Affected
  - Indicative New Overhead Line
  - Existing Overhead Line - Not Affected
  - Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
  - South Holland Internal Drainage Board Boundary
  - Welland and Deeping Internal Drainage Board Boundary

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 06/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

|                 |            |                                                            |            |           |            |
|-----------------|------------|------------------------------------------------------------|------------|-----------|------------|
| nationalgrid    |            |                                                            |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                                     |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                                         |            |           |            |
| Document Title: |            | FIGURE 6.2<br>PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS |            |           |            |
| Creator:        | Date:      | Checker:                                                   | Date:      | Approver: | Date:      |
| LC              | 06/05/2025 | SA                                                         | 06/05/2025 | DR        | 06/05/2025 |
| Document Type:  | Scale:     | Format:                                                    | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                                         | 1 OF 5     | A         |            |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0.





### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- 500m Study Area
- X Indicative New Lattice Pylon
- X Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- South Holland Internal Drainage Board Boundary

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 06/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

Purpose: PEI REPORT - SECTION 6

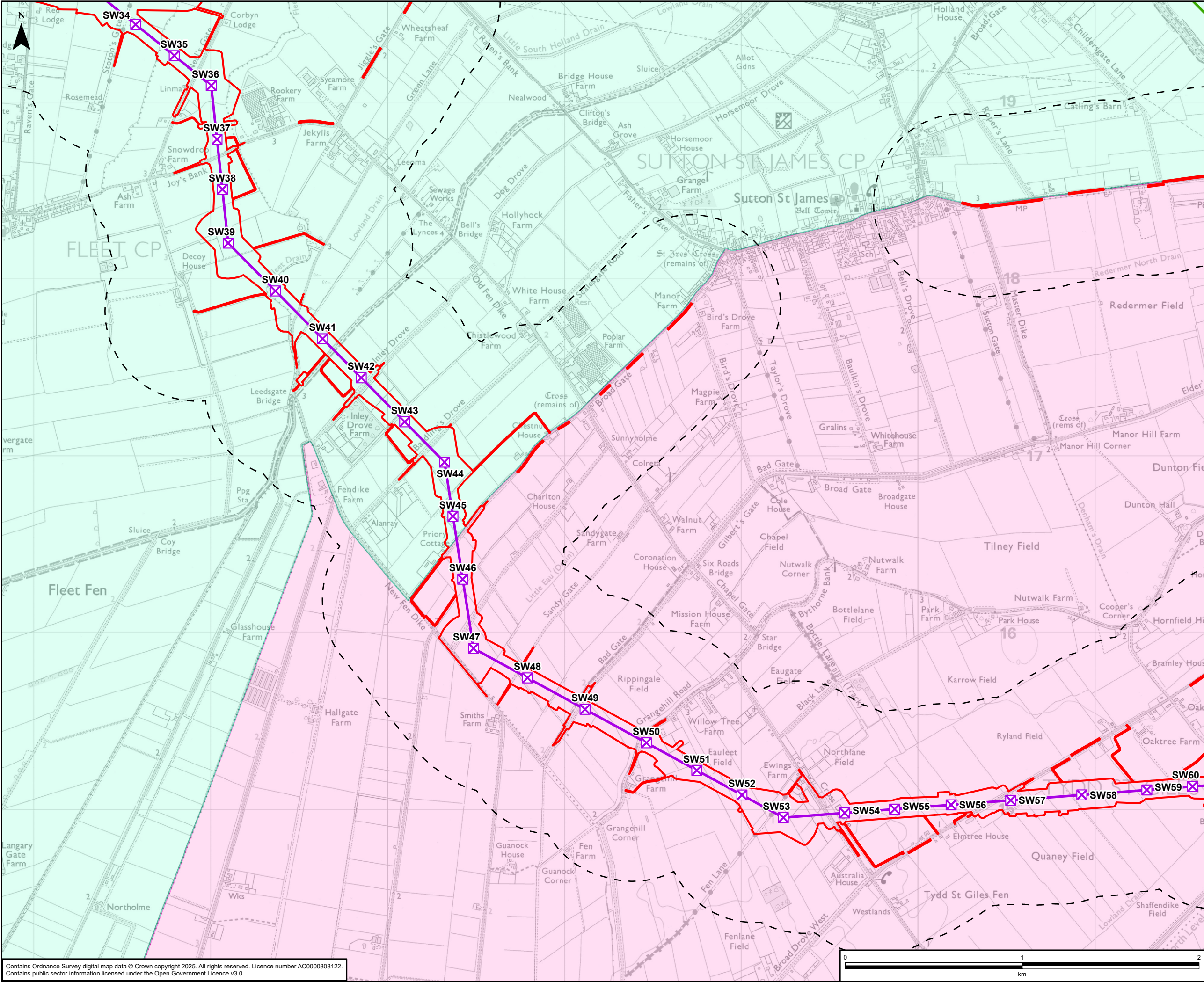
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.2  
PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 06/05/2025 | Checker: SA | Date: 06/05/2025 | Approver: DR | Date: 06/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 2 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0.





### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- North Level Internal Drainage Board Boundary
- South Holland Internal Drainage Board Boundary

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 06/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

Purpose: PEI REPORT - SECTION 6

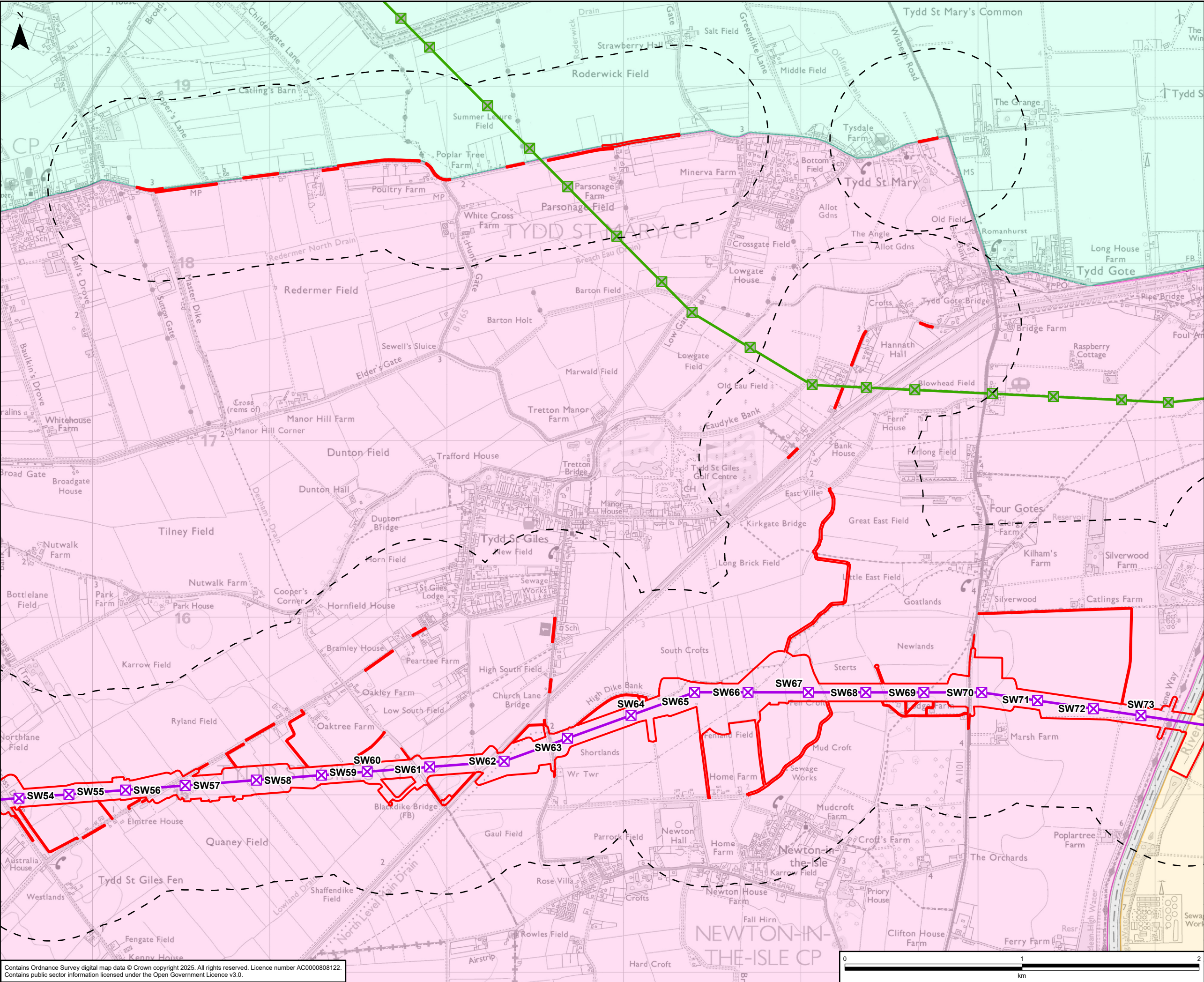
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.2  
PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 06/05/2025 | Checker: SA | Date: 06/05/2025 | Approver: DR | Date: 06/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 3 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0.





### GRIMSBY TO WALPOLE LEGEND

**Legend**

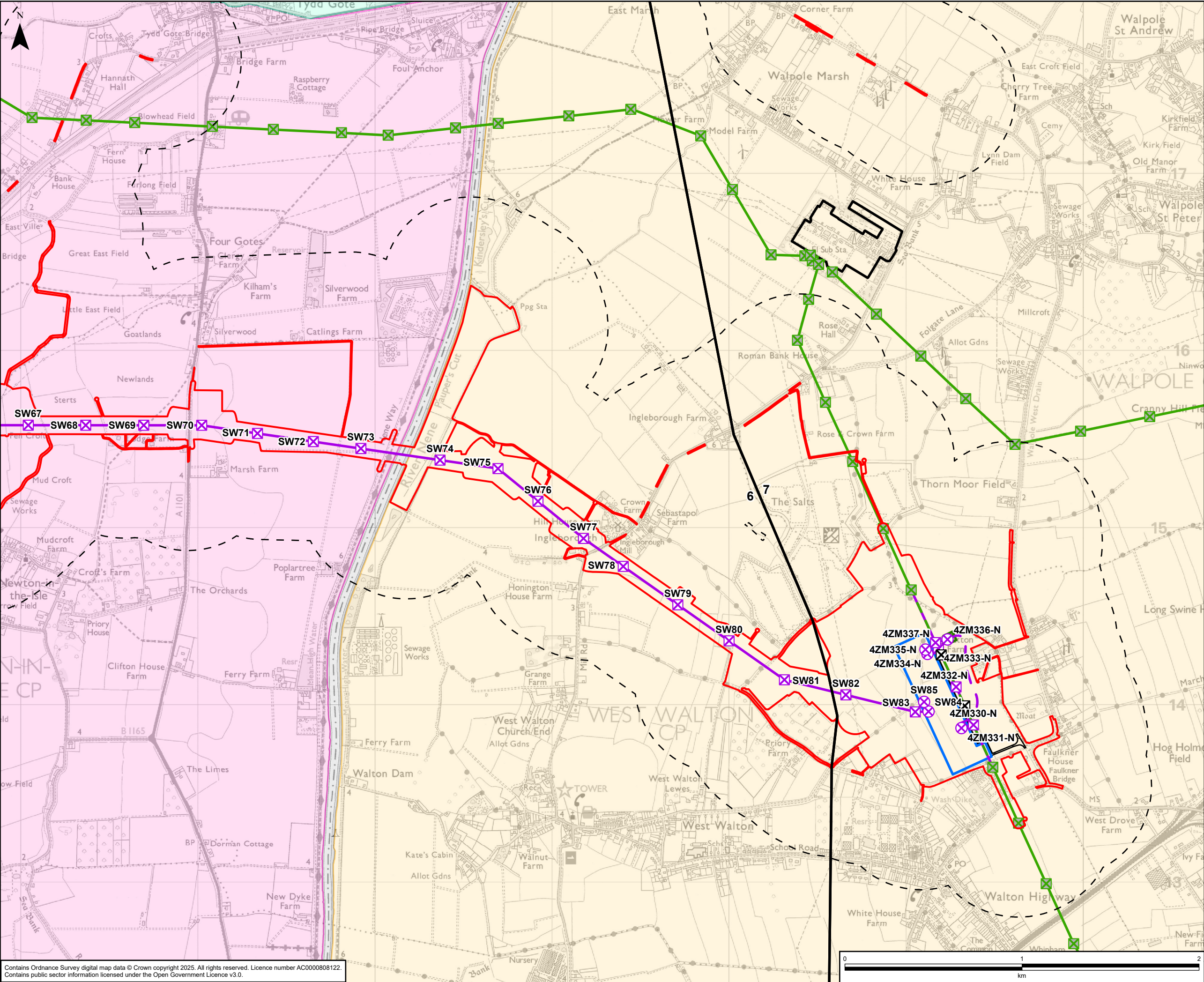
- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- North Level Internal Drainage Board Boundary
- South Holland Internal Drainage Board Boundary
- Kings Lynn Internal Drainage Board Boundary

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 06/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

|                 |                                                            |        |            |          |    |         |            |           |    |       |            |
|-----------------|------------------------------------------------------------|--------|------------|----------|----|---------|------------|-----------|----|-------|------------|
| Purpose:        | PEI REPORT - SECTION 6                                     |        |            |          |    |         |            |           |    |       |            |
| Scheme:         | GRIMSBY TO WALPOLE                                         |        |            |          |    |         |            |           |    |       |            |
| Document Title: | FIGURE 6.2<br>PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS |        |            |          |    |         |            |           |    |       |            |
| Creator:        | LC                                                         | Date:  | 06/05/2025 | Checker: | SA | Date:   | 06/05/2025 | Approver: | DR | Date: | 06/05/2025 |
| Document Type:  | FIGURE                                                     | Scale: | 1:20,000   | Format:  | A3 | Sheets: | 4 OF 5     | Rev:      | A  |       |            |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0.





### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Indicative New Substation Boundary
- Indicative Cable Sealing End Compound Boundary
- Indicative Permanent Substation Access Route
- North Level Internal Drainage Board Boundary
- South Holland Internal Drainage Board Boundary
- Kings Lynn Internal Drainage Board Boundary

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 06/05/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

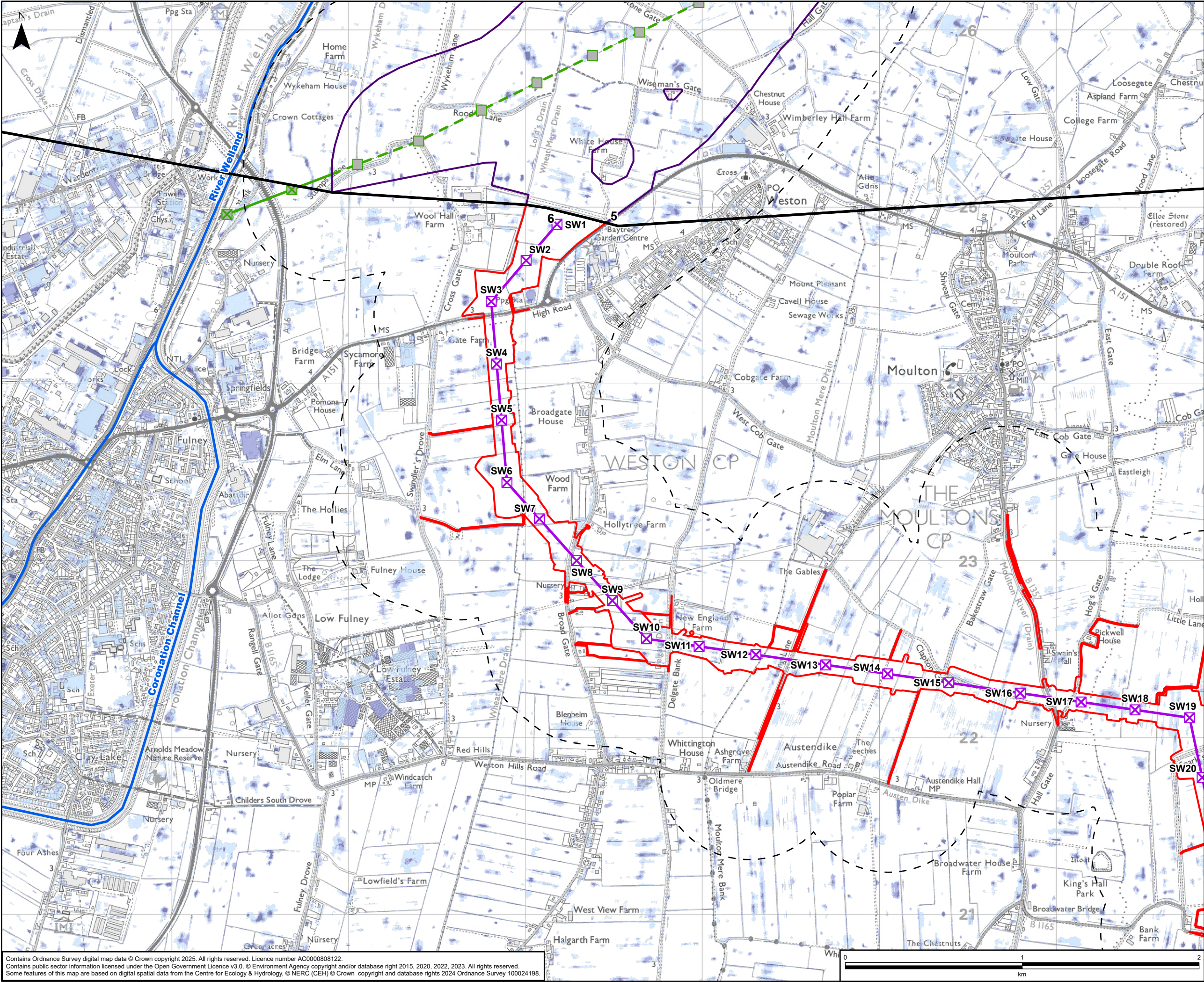
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.2  
PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 06/05/2025 | Checker: SA | Date: 06/05/2025 | Approver: DR | Date: 06/05/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 5 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0.





### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 500m Study Area
- ✕ Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Environment Agency Main River

**Risk of Flooding from Surface Water**

- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 08/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

Purpose: PEI REPORT - SECTION 6

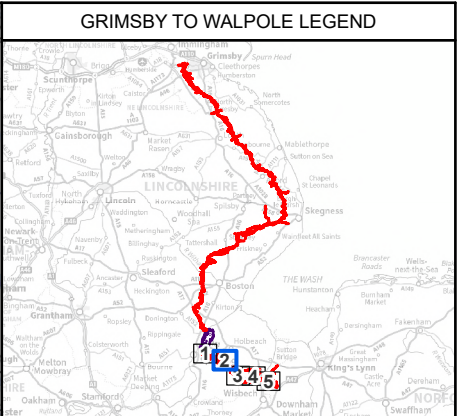
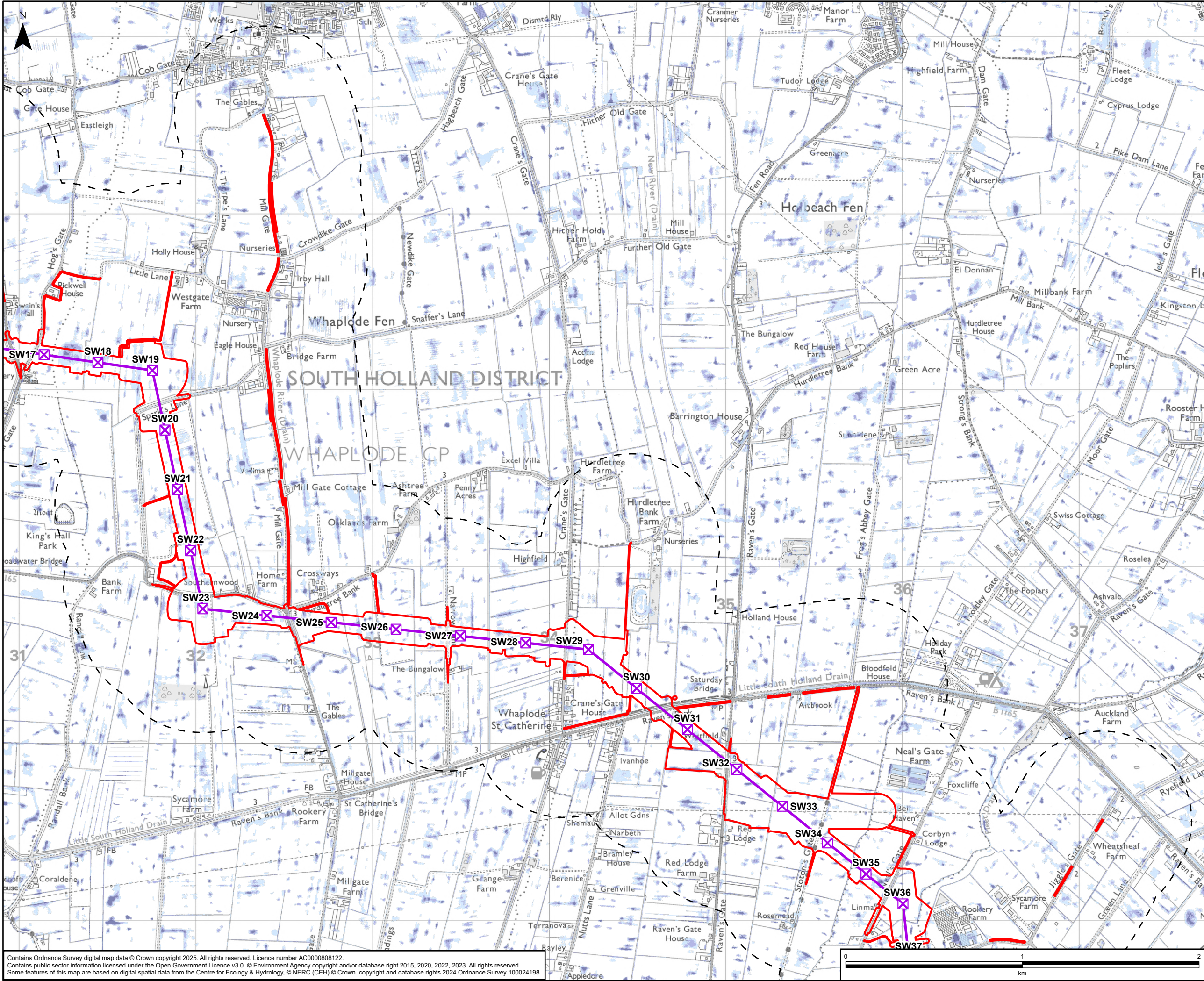
Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 6.3  
SURFACE WATER FLOOD RISK**

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 08/04/2025 | Checker: SA | Date: 08/04/2025 | Approver: DR | Date: 08/04/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 1 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.





**GRIMSBY TO WALPOLE LEGEND**

**Legend**

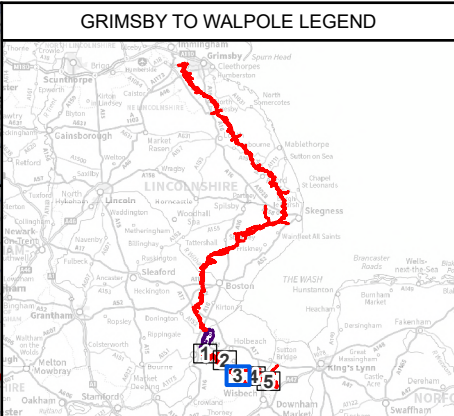
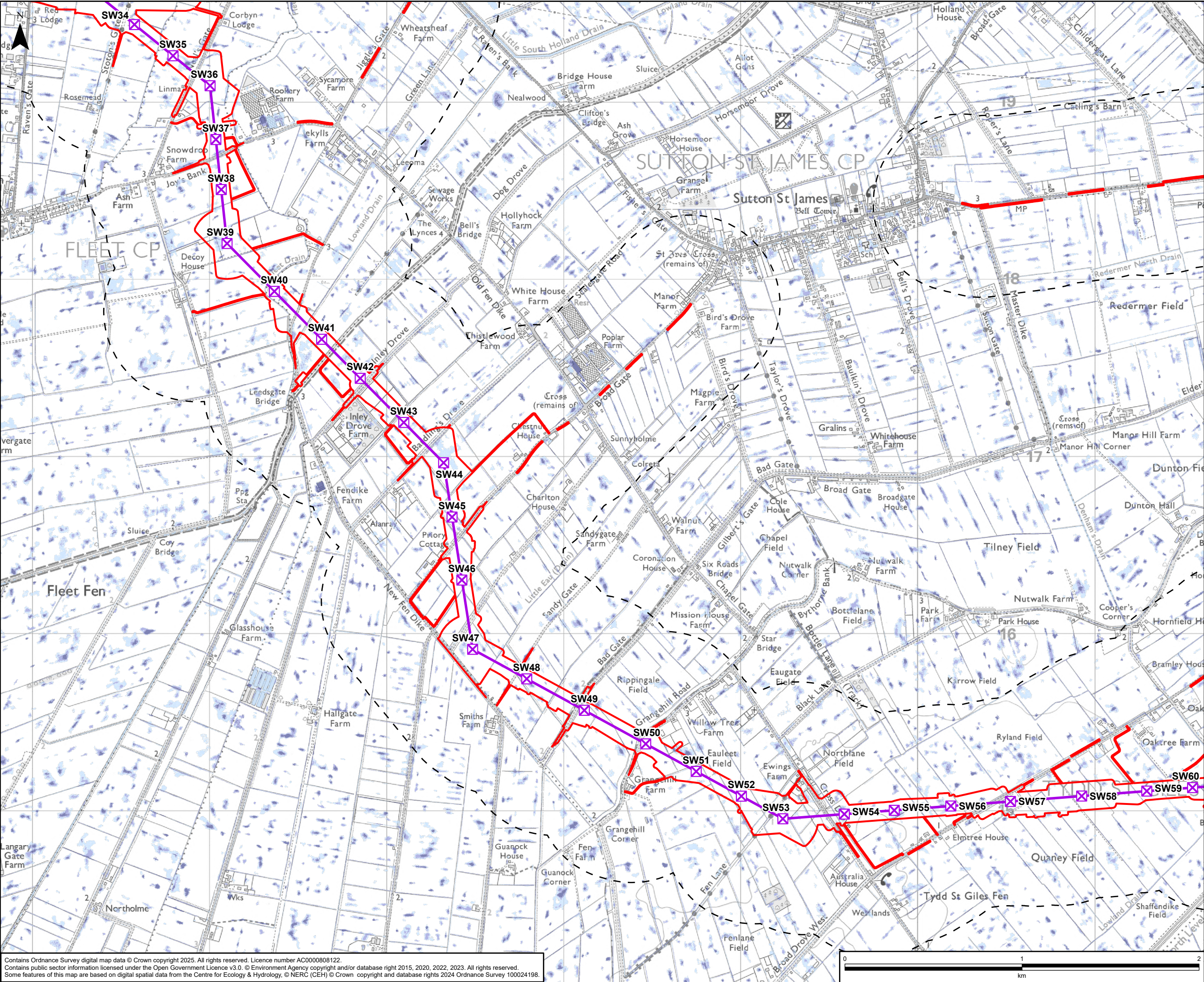
- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

**Risk of Flooding from Surface Water**

- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

|                 |            |                                        |            |           |            |
|-----------------|------------|----------------------------------------|------------|-----------|------------|
| A               | 08/04/2025 | First Issue                            | LC         | SA        | DR         |
| Rev             | Date       | Description                            | GIS        | Chk       | App        |
| nationalgrid    |            |                                        |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                 |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                     |            |           |            |
| Document Title: |            | FIGURE 6.3<br>SURFACE WATER FLOOD RISK |            |           |            |
| Creator:        | Date:      | Checker:                               | Date:      | Approver: | Date:      |
| LC              | 08/04/2025 | SA                                     | 08/04/2025 | DR        | 08/04/2025 |
| Document Type:  | Scale:     | Format:                                | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                     | 2 OF 5     | A         |            |





**GRIMSBY TO WALPOLE LEGEND**

**Legend**

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

**Risk of Flooding from Surface Water**

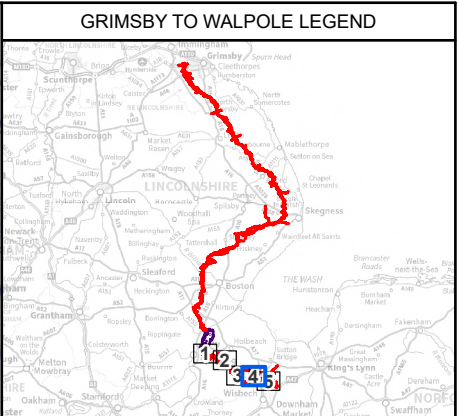
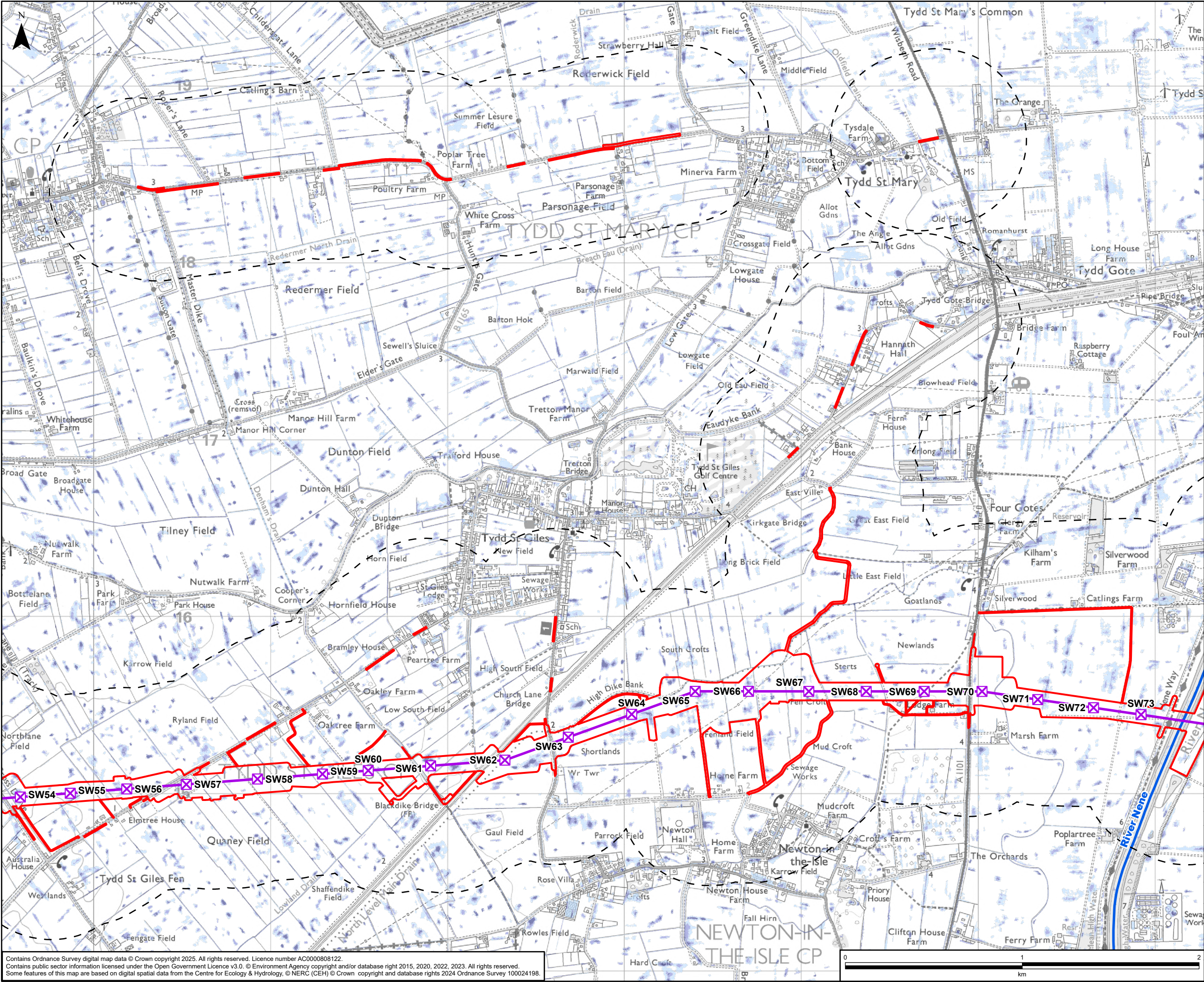
- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.

Document Path: \\eu.aecomnet.com\EMIA\UK\UKNCL2\Jobs\60721024 Grimsby to Walpole\02\_Maps\PEIR\Volume 2\Part B\G2W\_PEIR\_2\_B\_Chapter\_6\_Water\_Environment\_Figures.aprx

|                 |            |                                        |            |           |            |
|-----------------|------------|----------------------------------------|------------|-----------|------------|
| A               | 08/04/2025 | First Issue                            | LC         | SA        | DR         |
| Rev             | Date       | Description                            | GIS        | Chk       | App        |
| nationalgrid    |            |                                        |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                 |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                     |            |           |            |
| Document Title: |            | FIGURE 6.3<br>SURFACE WATER FLOOD RISK |            |           |            |
| Creator:        | Date:      | Checker:                               | Date:      | Approver: | Date:      |
| LC              | 08/04/2025 | SA                                     | 08/04/2025 | DR        | 08/04/2025 |
| Document Type:  | Scale:     | Format:                                | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                     | 3 OF 5     | A         |            |





**GRIMSBY TO WALPOLE LEGEND**

**Legend**

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Environment Agency Main River

**Risk of Flooding from Surface Water**

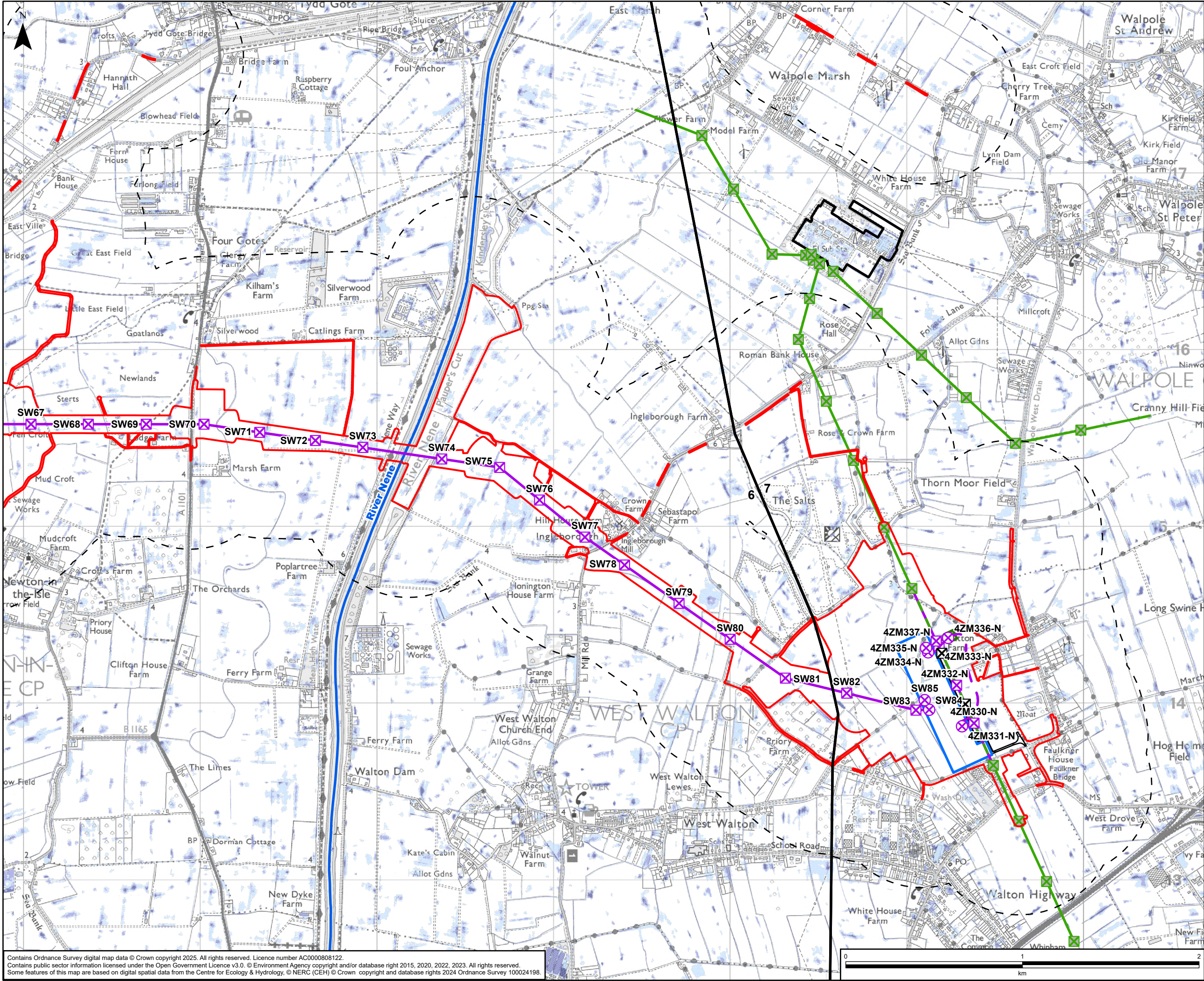
- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

|                 |            |                                        |            |           |            |
|-----------------|------------|----------------------------------------|------------|-----------|------------|
| A               | 08/04/2025 | First Issue                            | LC         | SA        | DR         |
| Rev             | Date       | Description                            | GIS        | Chk       | App        |
| nationalgrid    |            |                                        |            |           |            |
| Purpose:        |            | PEI REPORT - SECTION 6                 |            |           |            |
| Scheme:         |            | GRIMSBY TO WALPOLE                     |            |           |            |
| Document Title: |            | FIGURE 6.3<br>SURFACE WATER FLOOD RISK |            |           |            |
| Creator:        | Date:      | Checker:                               | Date:      | Approver: | Date:      |
| LC              | 08/04/2025 | SA                                     | 08/04/2025 | DR        | 08/04/2025 |
| Document Type:  | Scale:     | Format:                                | Sheets:    | Rev:      |            |
| FIGURE          | 1:20,000   | A3                                     | 4 OF 5     | A         |            |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.

Document Path: \\eu.aecomnet.com\EMIA\UK\IUKNCL2\Jobs\60721024 Grimsby to Walpole\02\_Maps\PEIR\Volume 2\Part B\G2W\_PEIR\_2\_B\_Chapter\_6\_Water\_Environment\_Figures.aprx





GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Indicative New Substation Boundary
- Indicative Cable Sealing End Compound Boundary
- Indicative Permanent Substation Access Route
- Environment Agency Main River

**Risk of Flooding from Surface Water**

- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 08/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

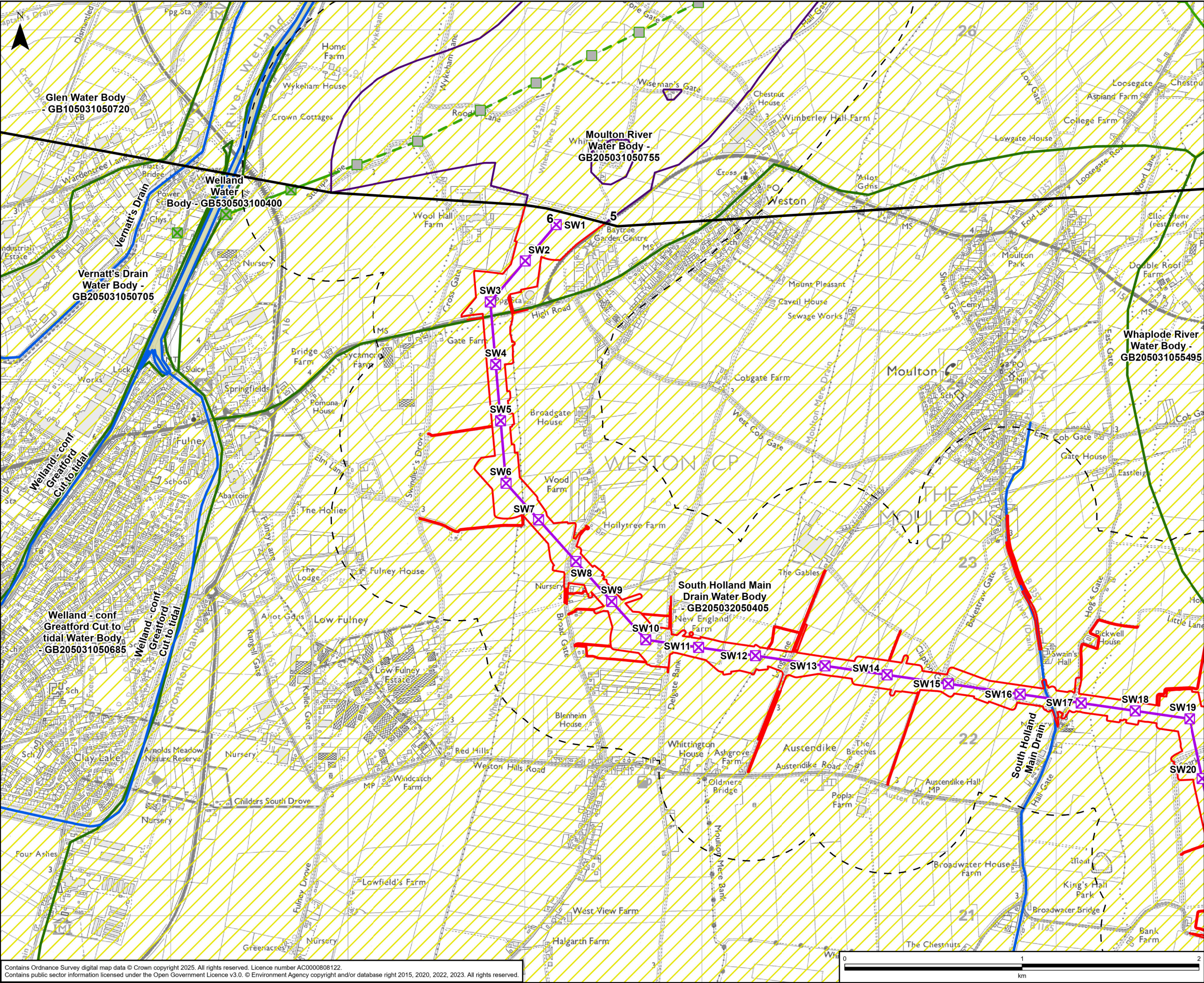
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.3  
SURFACE WATER FLOOD RISK

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 08/04/2025 | Checker: SA | Date: 08/04/2025 | Approver: DR | Date: 08/04/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 5 OF 5   | Rev: A       |                  |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.  
Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2024 Ordnance Survey 100024198.





GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

500m Study Area

Indicative New Lattice Pylon

Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified

Existing Lattice Pylon - Not Affected

Indicative New Overhead Line

Existing Overhead Line - Not Affected

Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

WFD Water Body

WFD River Water Body Catchment Boundary Ecological Status - Cycle 3

Moderate

WFD Transitional Water Body Boundary Ecological Status - Cycle 3

Moderate

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 24/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

Purpose:

PEI REPORT - SECTION 6

Scheme:

GRIMSBY TO WALPOLE

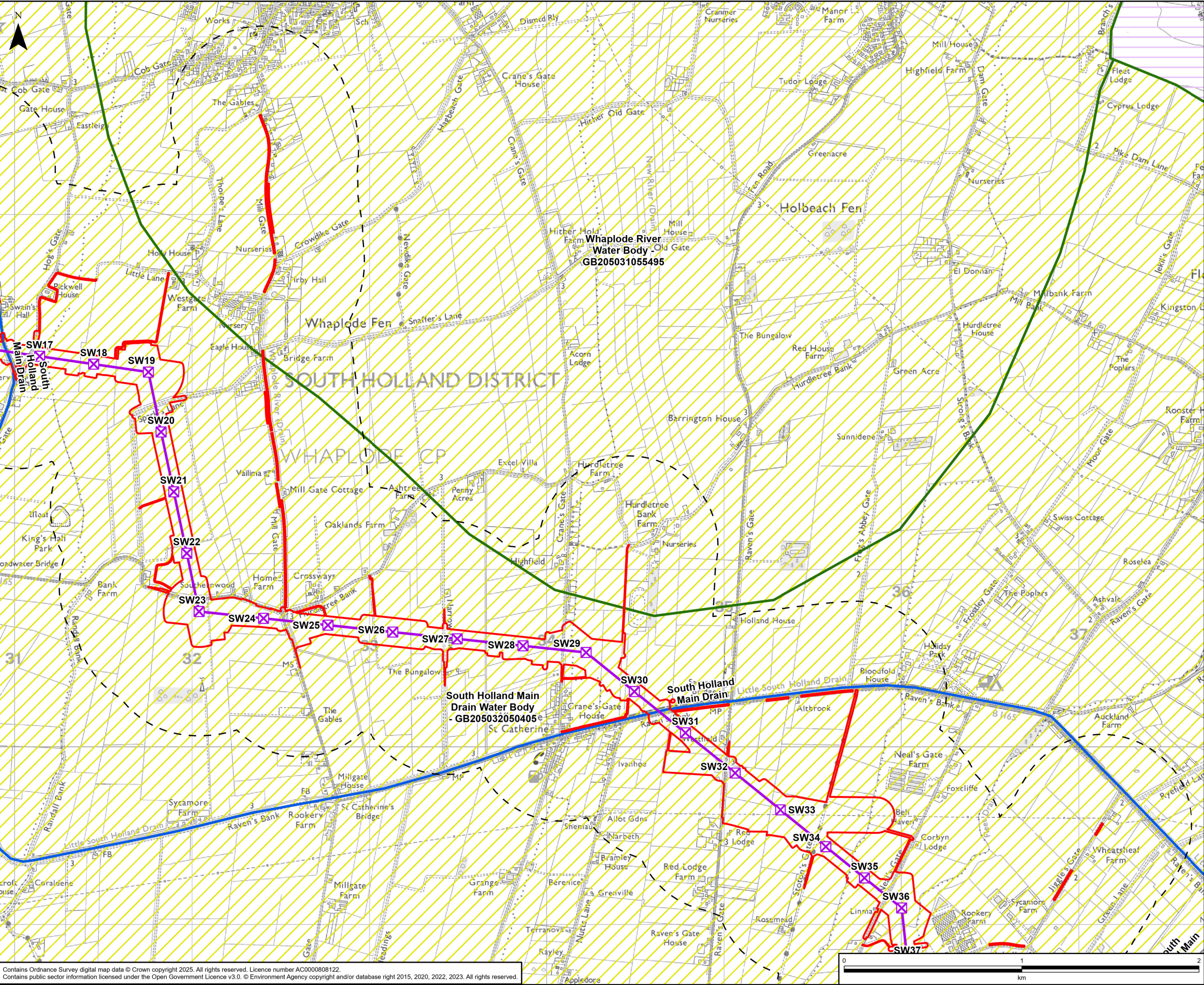
Document Title:

FIGURE 6.4  
WATER FRAMEWORK DIRECTIVE SURFACE  
WATER BODY STATUS

|          |            |          |            |           |            |
|----------|------------|----------|------------|-----------|------------|
| Creator: | Date:      | Checker: | Date:      | Approver: | Date:      |
| LC       | 24/04/2025 | SA       | 24/04/2025 | DR        | 24/04/2025 |

|                |          |         |         |      |
|----------------|----------|---------|---------|------|
| Document Type: | Scale:   | Format: | Sheets: | Rev: |
| FIGURE         | 1:20,000 | A3      | 1 OF 5  | A    |





### GRIMSBY TO WALPOLE LEGEND

**Legend**

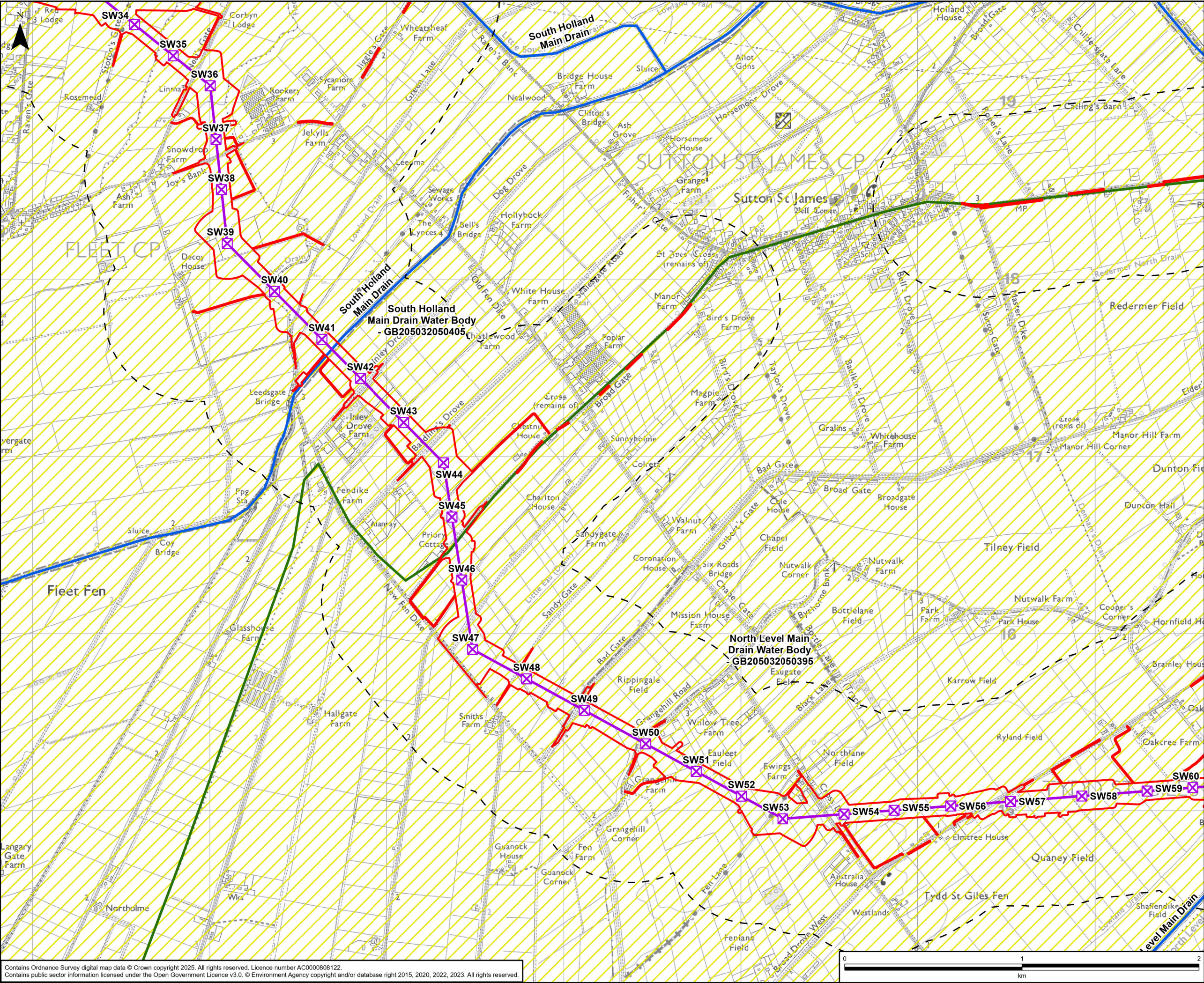
- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- WFD Water Body
- WFD River Water Body Catchment Boundary Ecological Status - Cycle 3
- Moderate
- Non Reportable Water Body

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 24/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

|                 |                                                                      |        |            |          |    |         |            |           |    |       |            |
|-----------------|----------------------------------------------------------------------|--------|------------|----------|----|---------|------------|-----------|----|-------|------------|
| Purpose:        | PEI REPORT - SECTION 6                                               |        |            |          |    |         |            |           |    |       |            |
| Scheme:         | GRIMSBY TO WALPOLE                                                   |        |            |          |    |         |            |           |    |       |            |
| Document Title: | FIGURE 6.4<br>WATER FRAMEWORK DIRECTIVE SURFACE<br>WATER BODY STATUS |        |            |          |    |         |            |           |    |       |            |
| Creator:        | LC                                                                   | Date:  | 24/04/2025 | Checker: | SA | Date:   | 24/04/2025 | Approver: | DR | Date: | 24/04/2025 |
| Document Type:  | FIGURE                                                               | Scale: | 1:20,000   | Format:  | A3 | Sheets: | 2 OF 5     | Rev:      | A  |       |            |

Contains Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122.  
Contains public sector information licensed under the Open Government Licence v3.0. © Environment Agency copyright and/or database right 2015, 2020, 2022, 2023. All rights reserved.





GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- WFD Water Body
- WFD River Water Body Catchment Boundary
- Ecological Status - Cycle 3
- Moderate

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 24/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

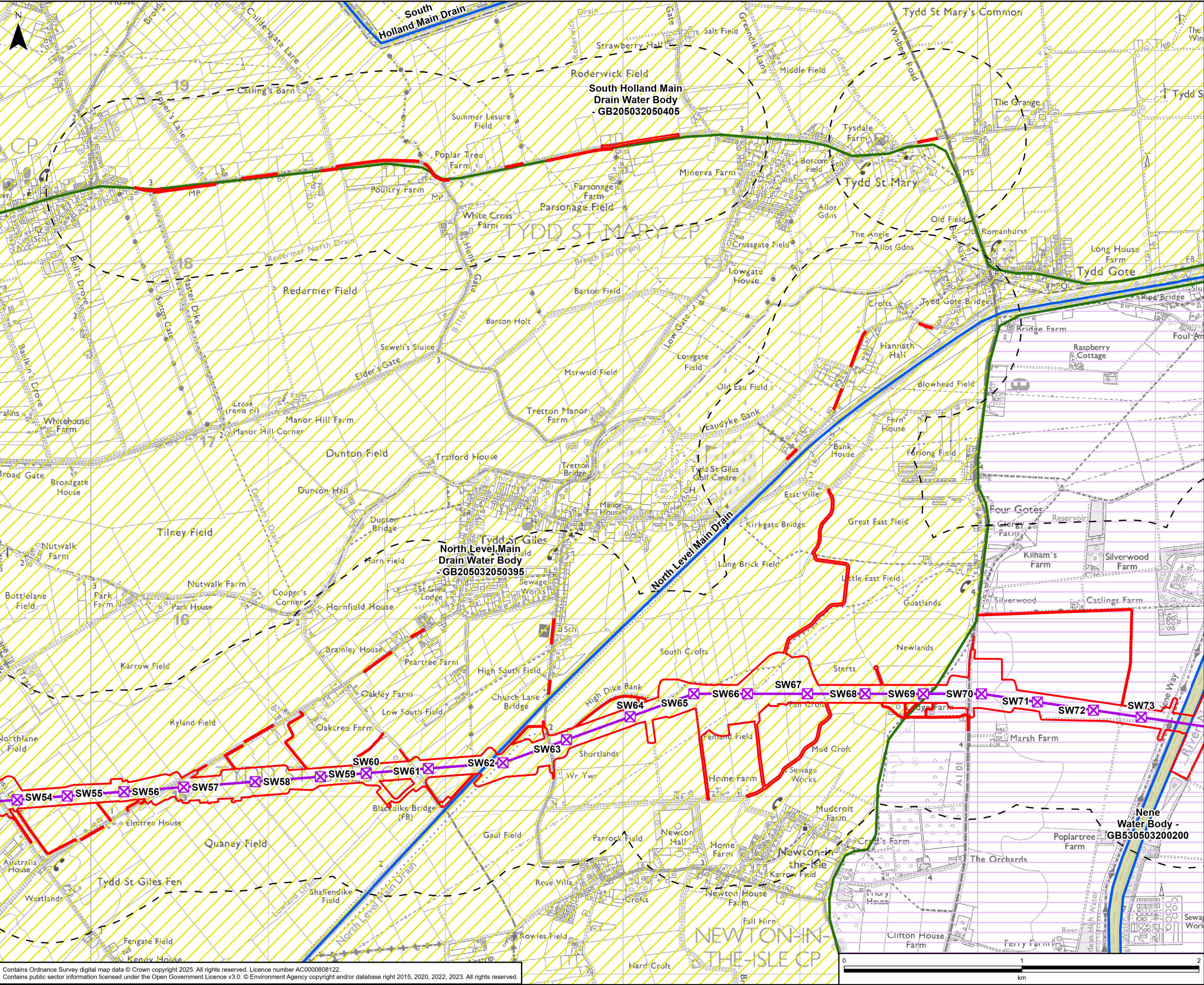
Purpose: PEI REPORT - SECTION 6

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.4  
WATER FRAMEWORK DIRECTIVE SURFACE  
WATER BODY STATUS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 24/04/2025 | Checker: SA | Date: 24/04/2025 | Approver: DR | Date: 24/04/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 3 OF 5   | Rev: A       |                  |





GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- WFD Water Body
- WFD River Water Body Catchment Boundary Ecological Status - Cycle 3
- Moderate
- Non Reportable Water Body
- WFD Transitional Water Body Boundary Ecological Status - Cycle 3
- Moderate

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 24/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

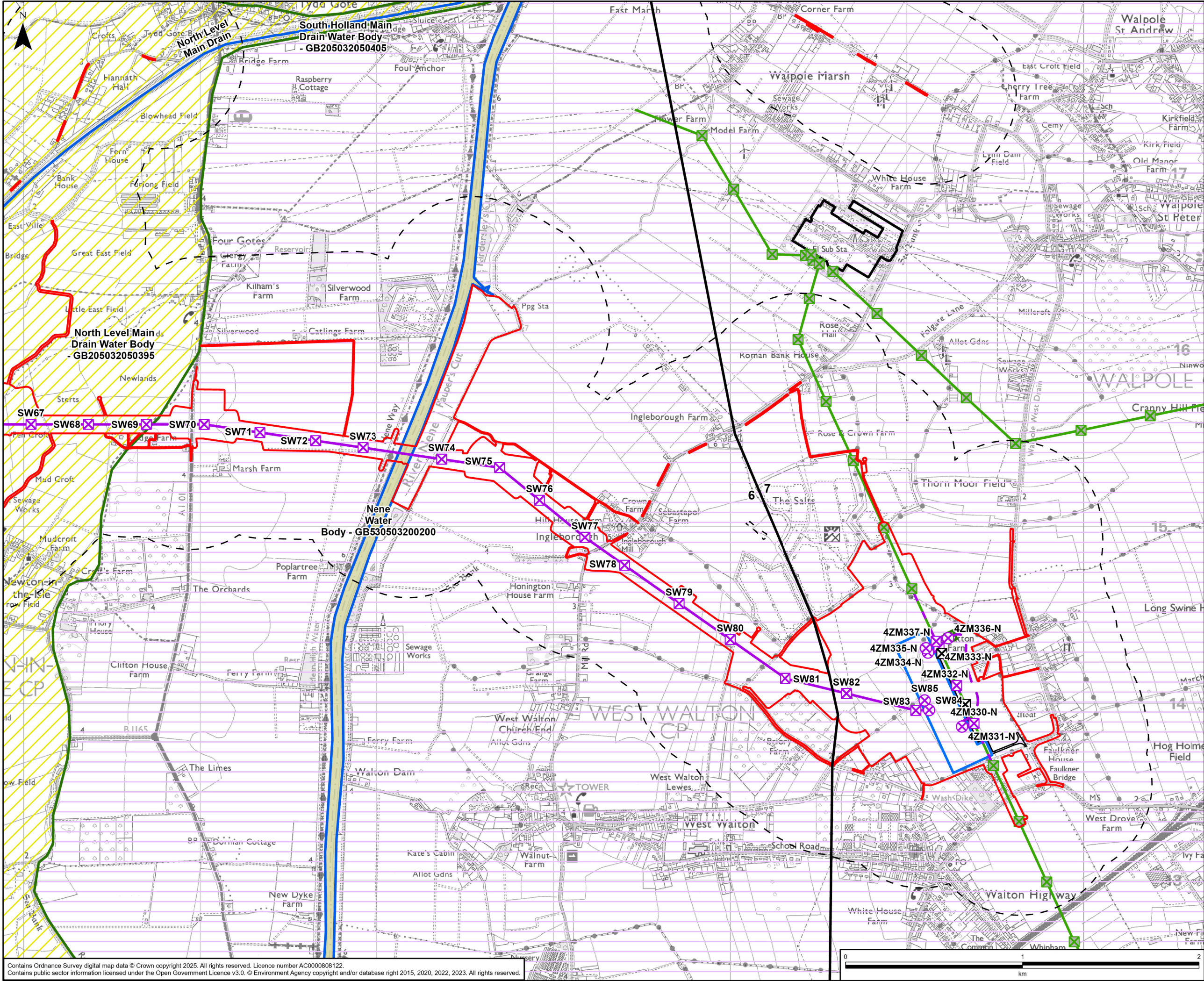
Purpose: PEI REPORT - SECTION 6

Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 6.4**  
WATER FRAMEWORK DIRECTIVE SURFACE WATER BODY STATUS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 24/04/2025 | Checker: SA | Date: 24/04/2025 | Approver: DR | Date: 24/04/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 4 OF 5   | Rev: A       |                  |





GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Indicative New Substation Boundary
- Indicative Cable Sealing End Compound Boundary
- Indicative Permanent Substation Access Route
- WFD Water Body
- WFD River Water Body Catchment Boundary Ecological Status - Cycle 3
  - Moderate
  - Non Reportable Water Body
- WFD Transitional Water Body Boundary Ecological Status - Cycle 3
  - Moderate

|     |            |             |     |     |     |
|-----|------------|-------------|-----|-----|-----|
| A   | 24/04/2025 | First Issue | LC  | SA  | DR  |
| Rev | Date       | Description | GIS | Chk | App |

**nationalgrid**

Purpose: PEI REPORT - SECTION 6

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.4  
WATER FRAMEWORK DIRECTIVE SURFACE  
WATER BODY STATUS

|                       |                  |             |                  |              |                  |
|-----------------------|------------------|-------------|------------------|--------------|------------------|
| Creator: LC           | Date: 24/04/2025 | Checker: SA | Date: 24/04/2025 | Approver: DR | Date: 24/04/2025 |
| Document Type: FIGURE | Scale: 1:20,000  | Format: A3  | Sheets: 5 OF 5   | Rev: A       |                  |