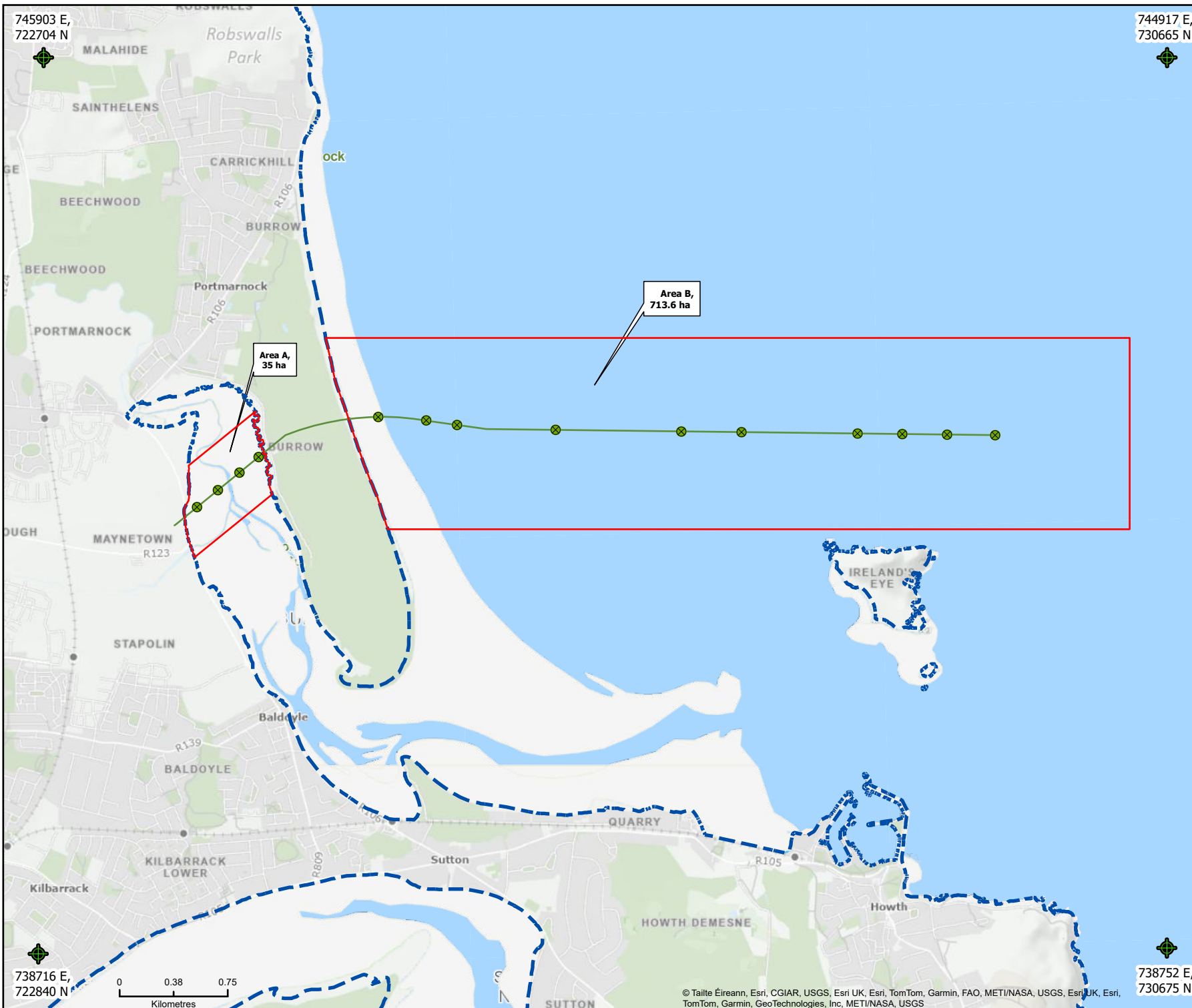




**Legend**

- Maritime Usage Licence Area
- High Water Mark (HWM)
- Townlands Boundaries
- Proposed Borehole Locations
- Marine Outfall Pipeline

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

Prepared by:  
Ian Packham, PhD, MSc, BSc, CSci

**Client**

**Greater Dublin Drainage**

**Title**

**Proposed Geotechnical Survey Locations**

**TETRA TECH**

**RPS**  
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**Issue Details**

**File Identifier:**  
10028814-RPS-ZZ-XX-DR-N-DR2221

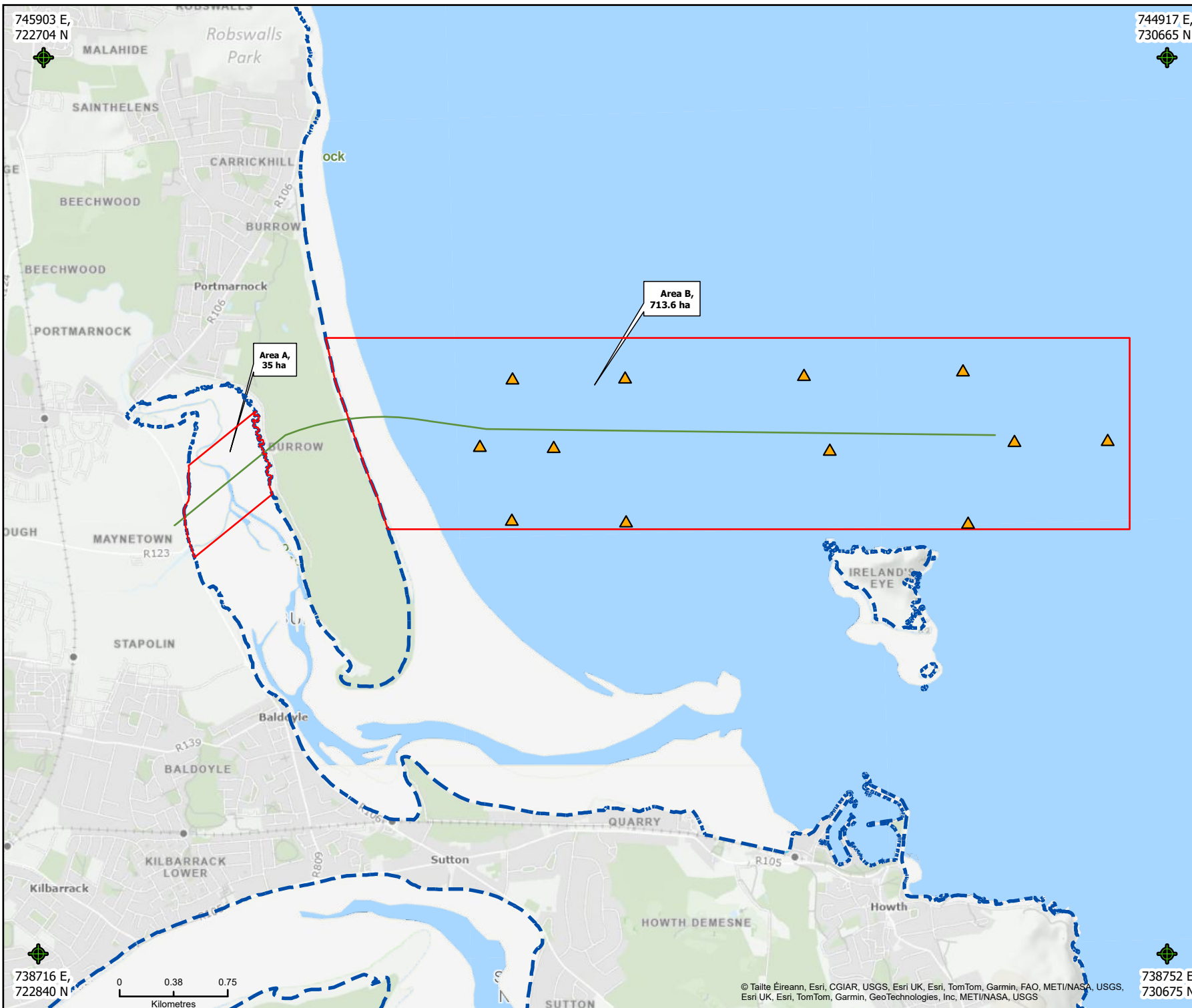
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| <b>Status:</b><br>S3   | <b>Rev:</b><br>P03                                       | <b>Model File Identifier:</b><br>MDW0812-RPS-00-XX-DR-J |
| <b>Drawn:</b><br>IP    | <b>Date:</b><br>29/08/2025                               |                                                         |
| <b>Checked:</b><br>AE  | <b>Scale:</b><br>1:35,000                                | (A4)                                                    |
| <b>Approved:</b><br>DC | <b>Projection:</b><br>IRENET95 Irish Transverse Mercator |                                                         |

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**Legend**

- Maritime Usage Licence Area
- High Water Mark (HWM)
- Townlands Boundaries
- Marine Outfall Pipeline
- Grab Samples

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

Prepared by:  
Ian Packham, PhD, MSc, BSc, CSci

**Client**

**Greater Dublin Drainage**

**Title**  
**Proposed Environmental Survey Locations**

**TETRA TECH**

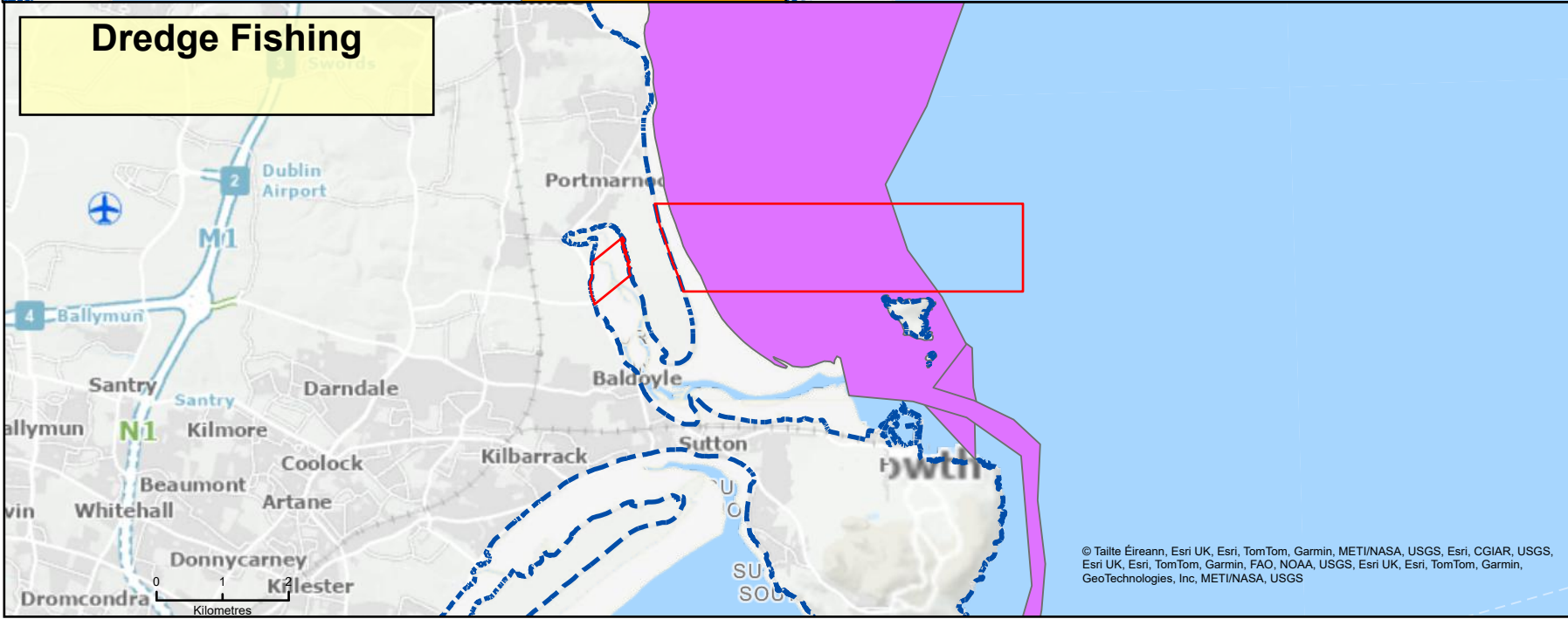
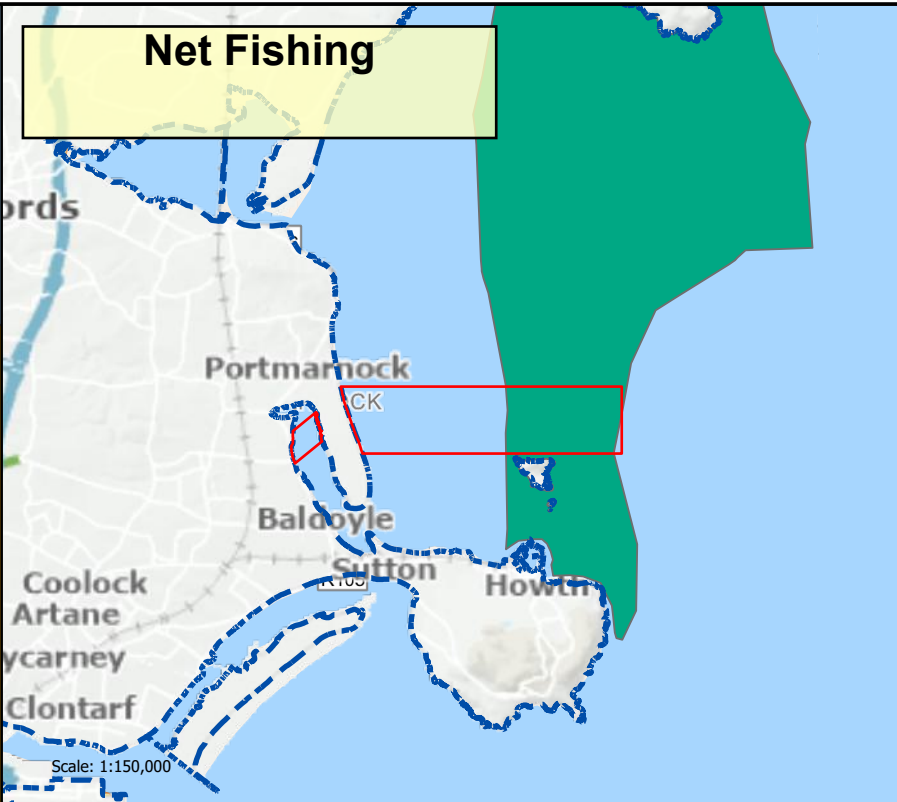
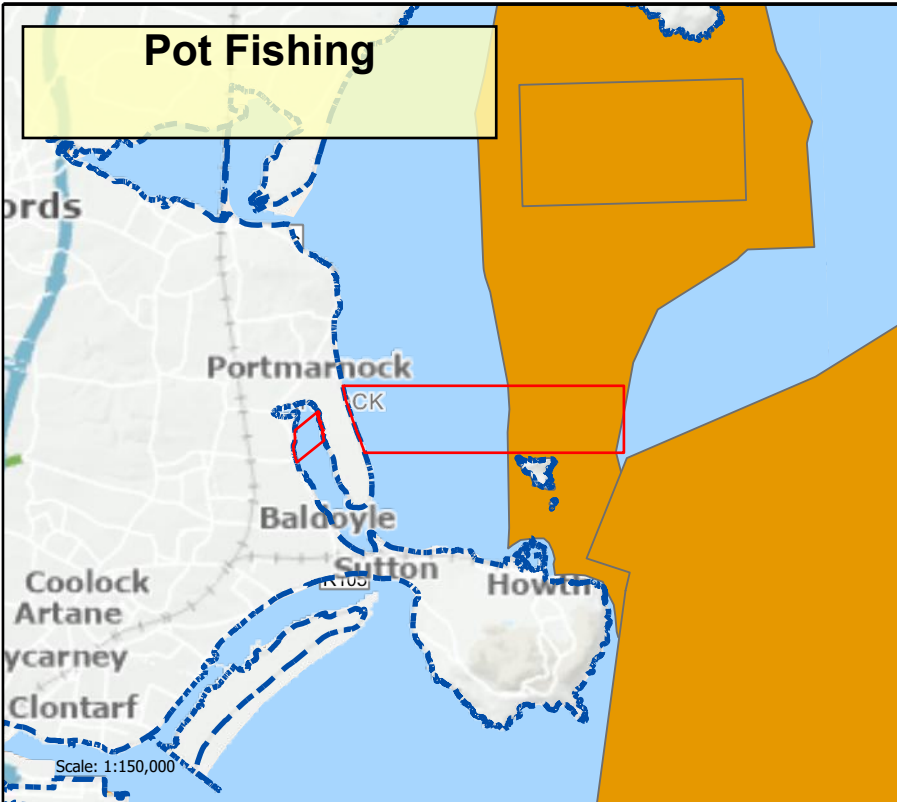
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**Issue Details**

|                                                           |                                                          |                                                         |
|-----------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|
| <b>File Identifier:</b><br>10028814-RPS-ZZ-XX-DR-N-DR2223 |                                                          |                                                         |
| <b>Status:</b><br>S3                                      | <b>Rev:</b><br>P03                                       | <b>Model File Identifier:</b><br>MDW0812-RPS-00-XX-DR-J |
| <b>Drawn:</b><br>IP                                       | <b>Date:</b><br>29/08/2025                               |                                                         |
| <b>Checked:</b><br>AE                                     | <b>Scale:</b><br>1:35,000                                | (A4)                                                    |
| <b>Approved:</b><br>DC                                    | <b>Projection:</b><br>IRENET95 Irish Transverse Mercator |                                                         |

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## Legend

- Maritime Usage Licence Area
- HWM - National Water Marks

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

Prepared by:  
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Client



Greater Dublin Drainage

Title

**Inshore fishing within  
the MUL Area**



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Issue Details

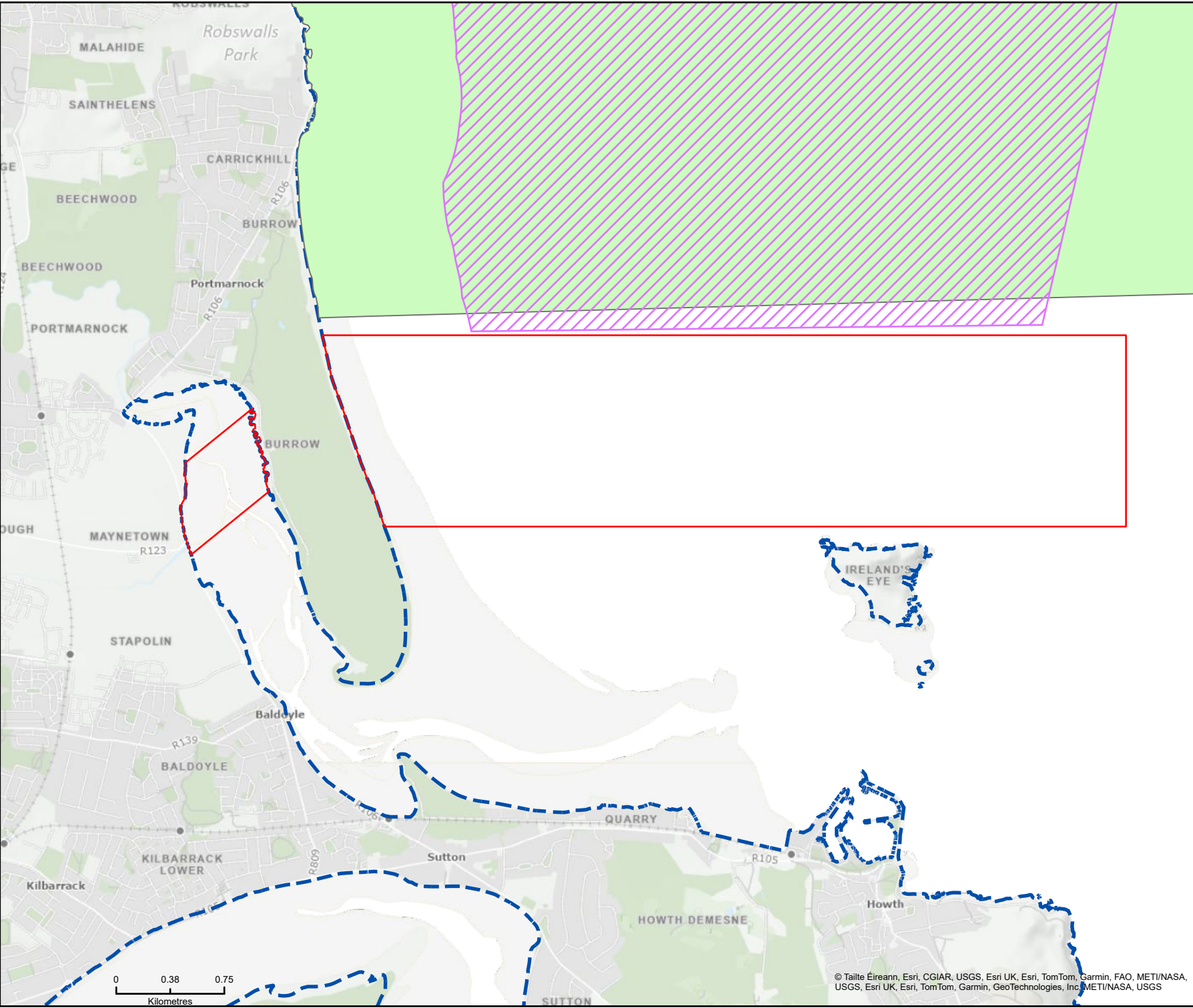
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| <b>Status:</b><br>S3                                      | <b>Rev:</b><br>P03                                       | <b>Model File Identifier:</b><br>1MDW0812-RPS-00-XX-DR-J |
| <b>Drawn:</b><br>IP                                       | <b>Date:</b><br>29/08/2025                               |                                                          |
| <b>Checked:</b><br>AE                                     | <b>Scale:</b><br>1:100,000<br>unless otherwise stated    | (A4)                                                     |
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**Legend**

- Maritime Usage Licence Area
- High Water Mark (HWM)
- Designated Shellfish Waters
- Bivalve Mollusc Production Area

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

Prepared by:  
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**Client**

Uisce Éireann  
Irish Water

**Greater Dublin Drainage**

**Title**

**Shellfish Designations**

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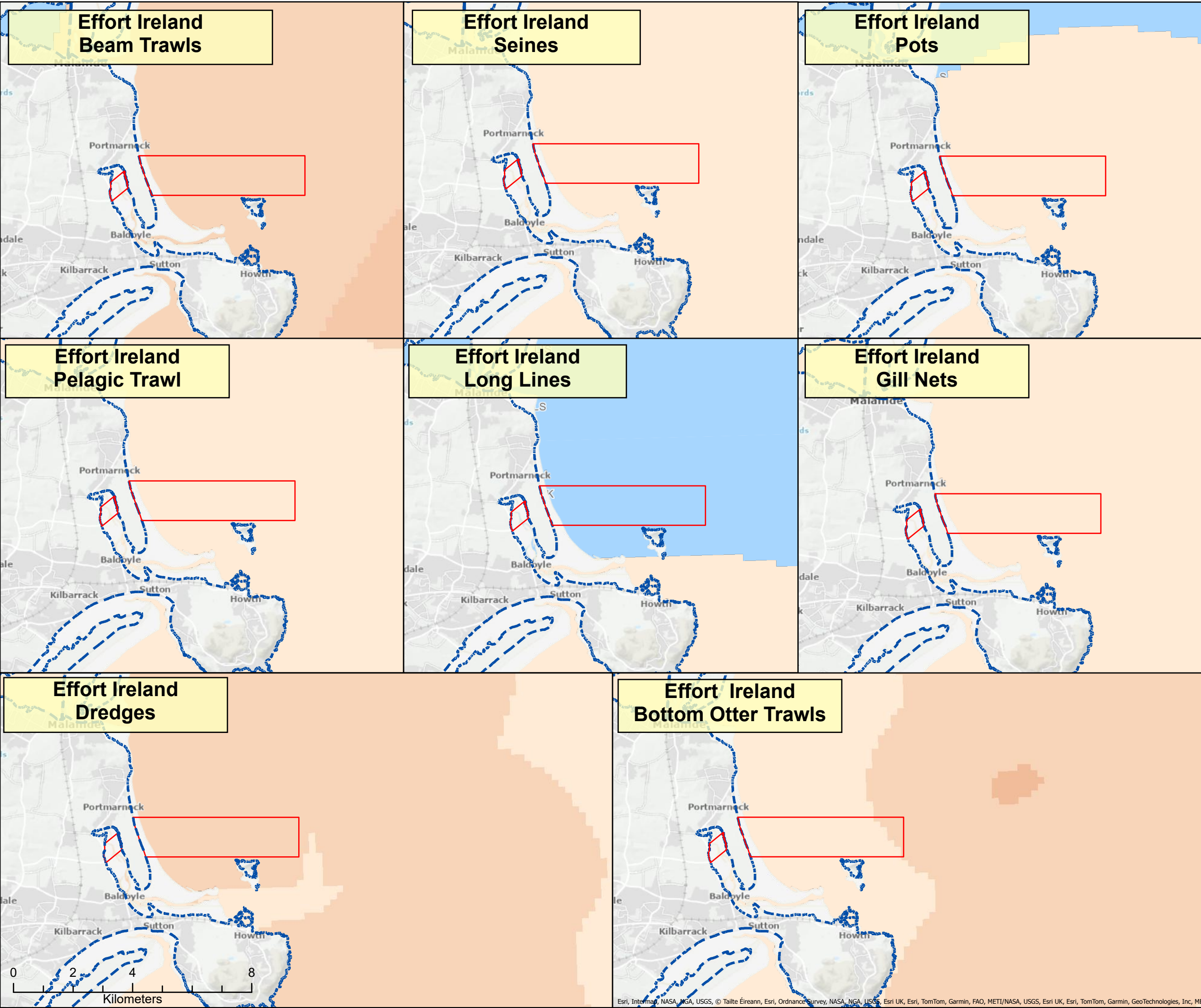
**Issue Details**

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| <b>File Identifier:</b><br>10028814-RPS-ZZ-XX-DR-N-DR2225 |                                                          |                                                         |
| <b>Status:</b><br>S3                                      | <b>Rev:</b><br>P03                                       | <b>Model File Identifier:</b><br>MDW0812-RPS-00-XX-DR-J |
| <b>Drawn:</b><br>IP                                       | <b>Date:</b><br>29/08/2025                               |                                                         |
| <b>Checked:</b><br>AE                                     | <b>Scale:</b><br>1:35,000                                | (A4)                                                    |
| <b>Approved:</b><br>DC                                    | <b>Projection:</b><br>IRENET95 Irish Transverse Mercator |                                                         |

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### Legend

Maritime Usage Licence Area

High Water Mark (HWM)

Fishing Effort

h/km2/y

5-10

10-15

0-0.1

0.1-5

25-30

30-35

35-40

20-25

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

**Fishing Data:** Gerritsen, Hans. (2024) Atlas of Commercial Fisheries around Ireland, Fourth Edition 2024. Marine Institute. doi: 10/mfb7

Prepared by:  
Ian Packham, PhD, MSc, BSc, CSci

Client

Greater Dublin Drainage

Title

Fishing effort within the MUL Area for all gear types

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Issue Details

**File Identifier:**  
10028814-RPS-ZZ-XX-DR-N-DR2226

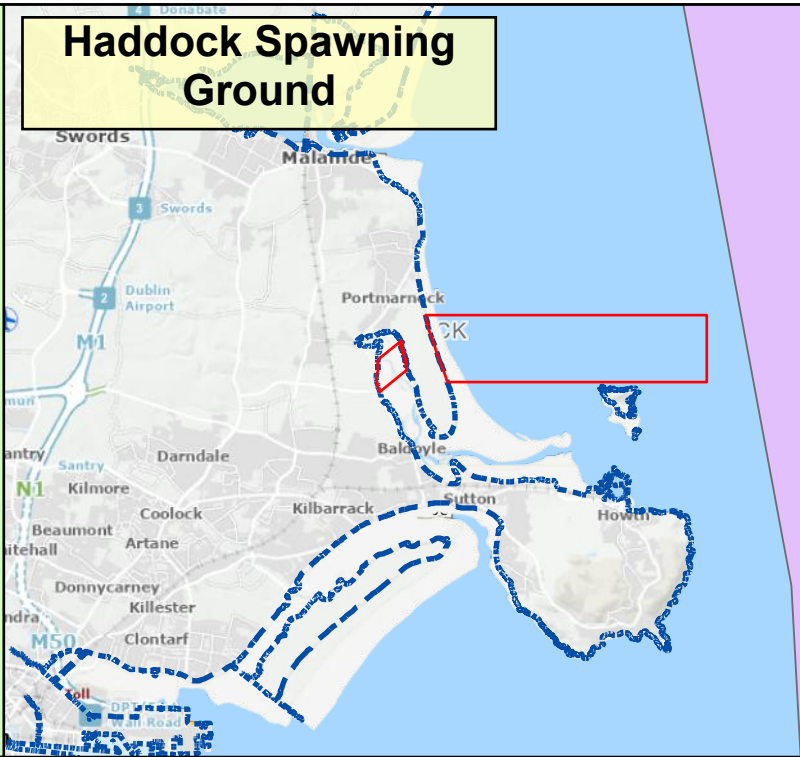
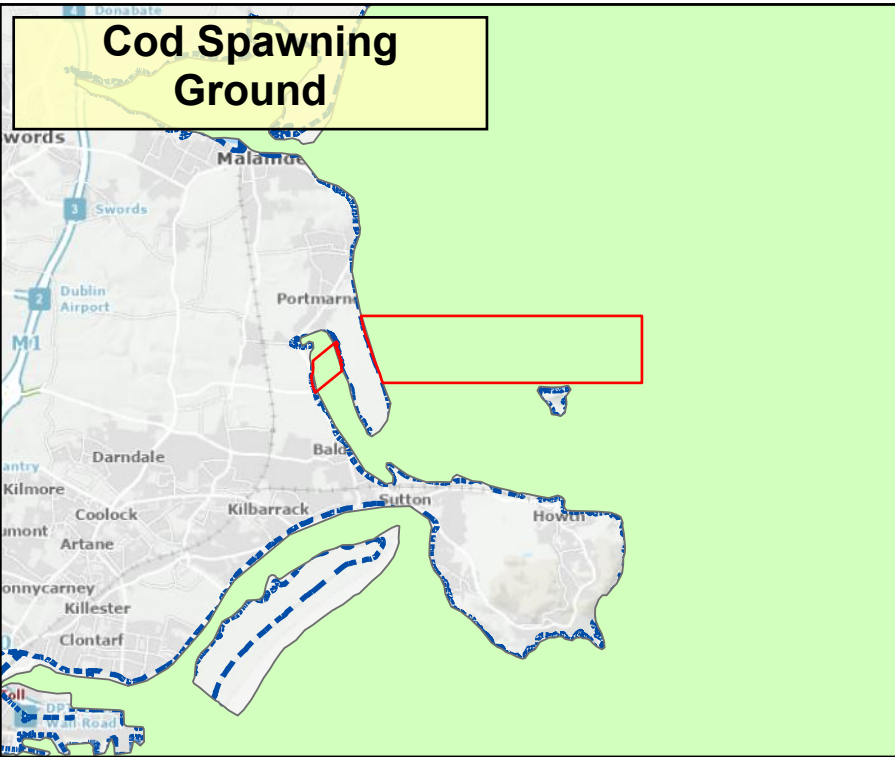
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| <b>Status:</b><br>S3   | <b>Rev:</b><br>P03                                       | <b>Model File Identifier:</b><br>MDW0812-RPS-00-XX-DR-J |
| <b>Drawn:</b><br>IP    | <b>Date:</b><br>29/08/2025                               |                                                         |
| <b>Checked:</b><br>AE  | <b>Scale:</b><br>1:120,000                               | (A3)                                                    |
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## Legend

-  Maritime Usage Licence Area
-  High Water Mark (HWM)

Where the licence area adjoins or abuts the land the High Water Mark as defined by the Chief Boundary Surveyor is the boundary of the licence area

**MARA File Reference No:**  
**PA/MUL/022**

Prepared by:  
Ian Packham, PhD, MSc, BSc, CSci



Client



Greater Dublin Drainage

Title

**Fish spawning grounds  
within the MUL Area**



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Issue Details

**File Identifier:**  
10028814-RPS-ZZ-XX-DR-N-DR2227

| Status:   | Rev: | Model File Identifier:                         |
|-----------|------|------------------------------------------------|
| S3        | P03  | MDW0812-RPS-00-XX-DR-J                         |
| Drawn:    | IP   | Date: 29/08/2025                               |
| Checked:  | AE   | Scale: 1:150,000 (A4) unless otherwise stated  |
| Approved: | DC   | Projection: IRENET95 Irish Transverse Mercator |

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