

Array Area

Offshore Export Cable Corridor

Contaminants Sampling Station

Exceeded for Zinc

Exceeded for Cadmium

NISA

North Irish Sea Array

ARUP

GoBe

Project

North Irish Sea Array

Offshore Wind Farm

Figure Title

Spatial Location of those

Sediment Samples that

Exceeded Irish Action Levels

Job No: 281240

Date: May 2024

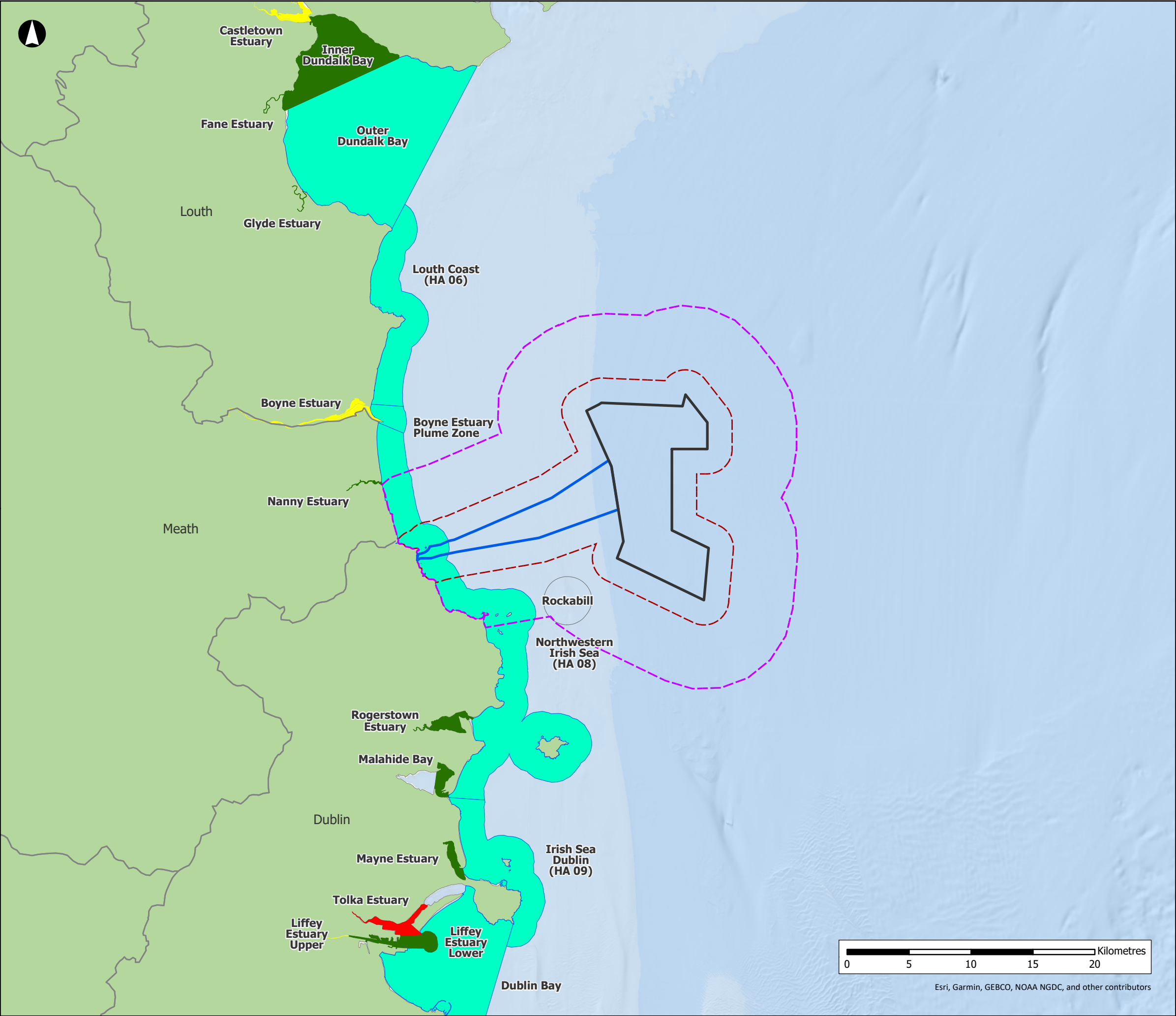
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Status: Issue

Datum: WGS84 Projection: UTM30N

Figure No:

11.7



Array Area

Offshore Export Cable Corridor

Zone of Influence

2km Buffer from Array and ECC

Transitional and Coastal Water Quality Assesment (2018 -20):

Assessment 2010 - 2012

Unpolluted

Intermediate

Potentially Eutrophic

Eutrophic

Not Assessed

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Figure Title

Water Quality Status (Source: Environmental Protection Agency)

Job No: 281240

Datum: WGS84 Projection: UTM30N

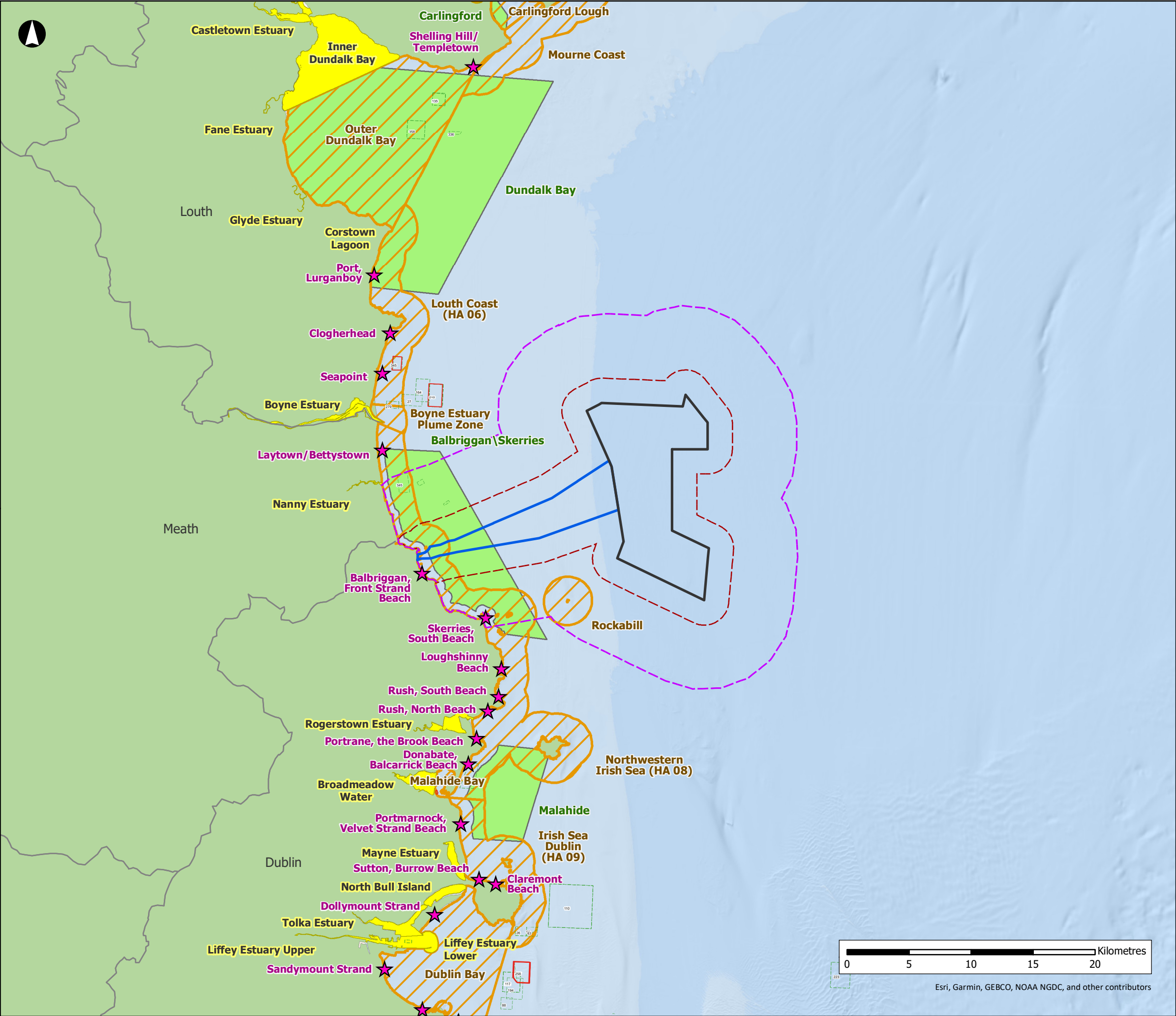
Date: May 2024

Figure No:

Scale: 1:300,000 @A3

11.8

Status: Issue



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Figure Title

Designated Water Framework Directive and Marine Strategy Framework Directive Designated Water Bodies

Job No: 281240

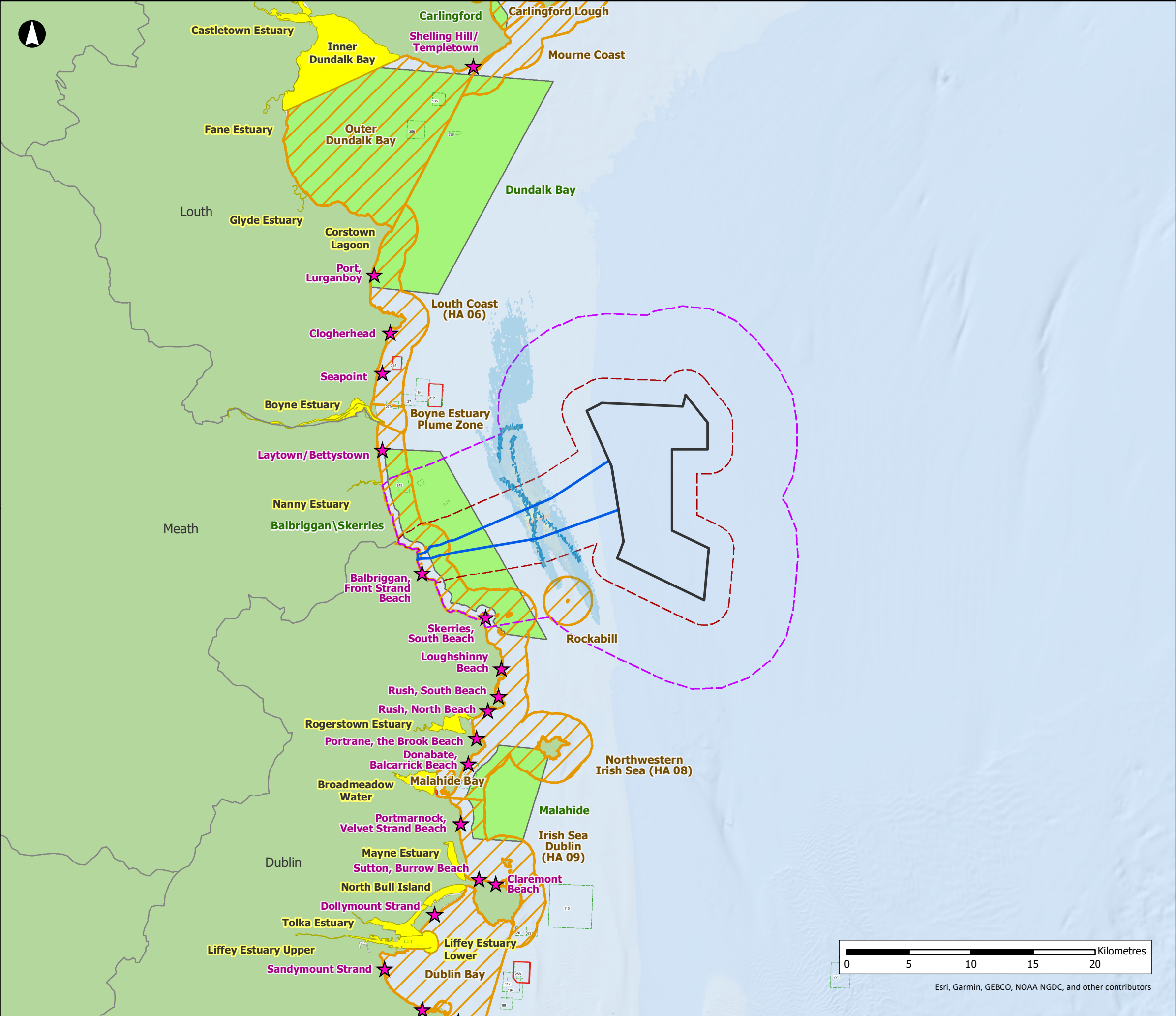
Date: May 2024

Scale: 1:300,000 @A3

Status: Issue

Datum: WGS84 Projection: UTM30N

Figure No: 11.9



Array Area

Offshore Export Cable Corridor

Zone of Influence

2km Buffer from Array and ECC

Bathing Waters

Coastal Water Bodies

Transitional Water Bodies

Shellfish Waters

ECC Cable Trenching

Suspended Sediment (mg/l)

<1 (trace level)

1 - 2 (normal variation)

2 - 5 (background level)

5 - 10 (background level)

10 - 20 (background level)

20 - 50 (4 * background)

50 - 100 (10 * background)

100 - 200 (20 * background)

200 - 500 (40 * background)

500 - 1000 (100 * background)

>1000 (200 * background)

Offshore Dumping Sites: Status

Latest Permit

Previous Permit

DAFF Permit

DAFF (Department of Agriculture, Fisheries and Food)

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Figure Title

Predicted Sediment Plumes arising from ECC Installation Jetting Activities

Job No: 281240

Date: May 2024

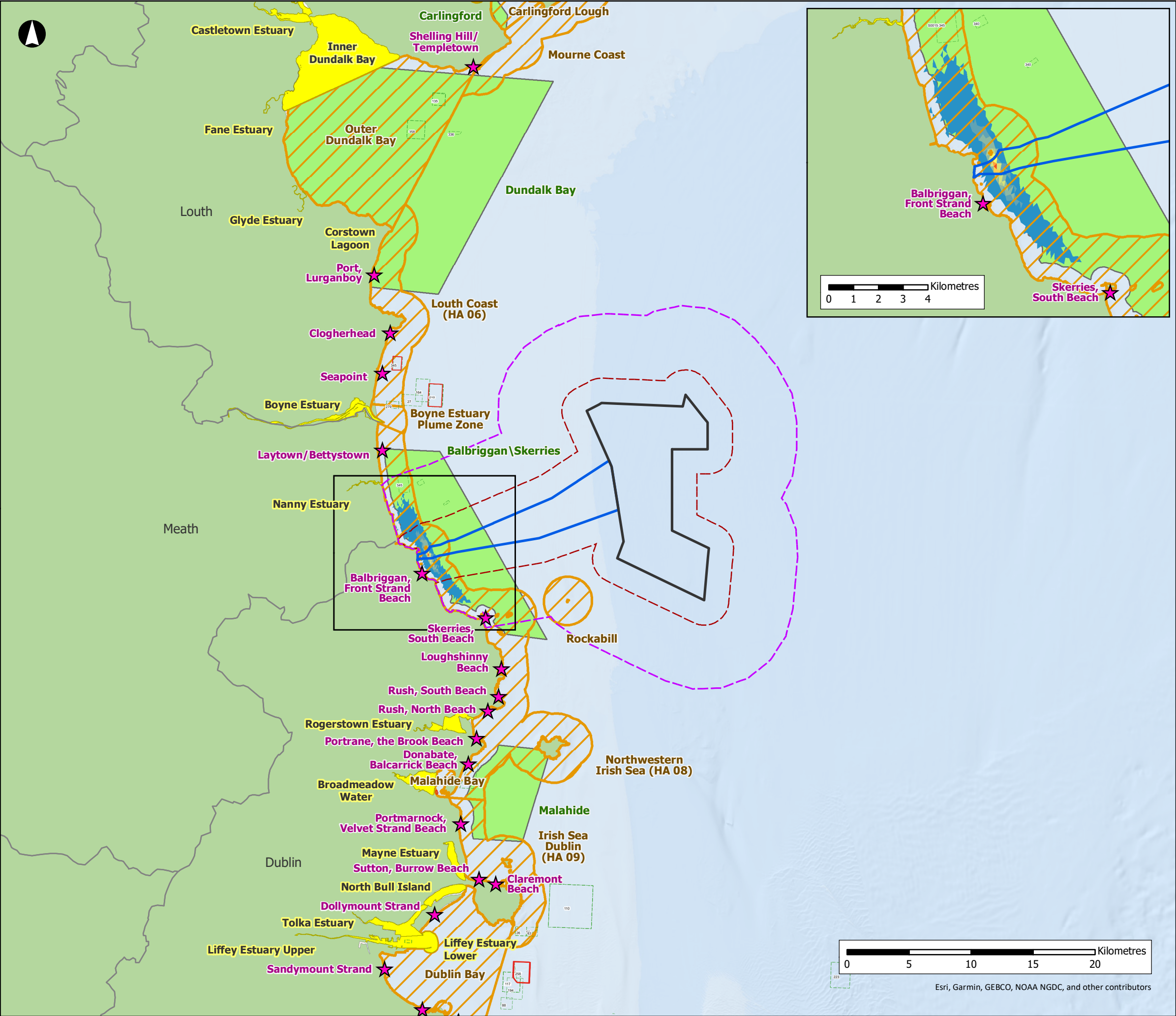
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Status: Issue

Datum: WGS84 Projection: UTM30N

Figure No:

11.10



Array Area

Offshore Export Cable Corridor

Zone of Influence

2km Buffer from Array and ECC

Bathing Waters

Coastal Water Bodies

Transitional Water Bodies

Shellfish Waters

Nearshore Exit Pit Excavation

Suspended Sediment (mg/l)

<1 (trace level)

1 - 2 (normal variation)

2 - 5 (background level)

5 - 10 (background level)

10 - 20 (background level)

20 - 50 (4 * background)

50 - 100 (10 * background)

100 - 200 (20 * background)

200 - 500 (40 * background)

500 - 1000 (100 * background)

>1000 (200 * background)

Offshore Dumping Sites: Status

Latest Permit

Previous Permit

DAFF Permit

DAFF (Department of Agriculture, Fisheries and Food)

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Figure Title

Predicted Sediment Plumes arising from HDD Exit Pit

Job No: 281240

Date: May 2024

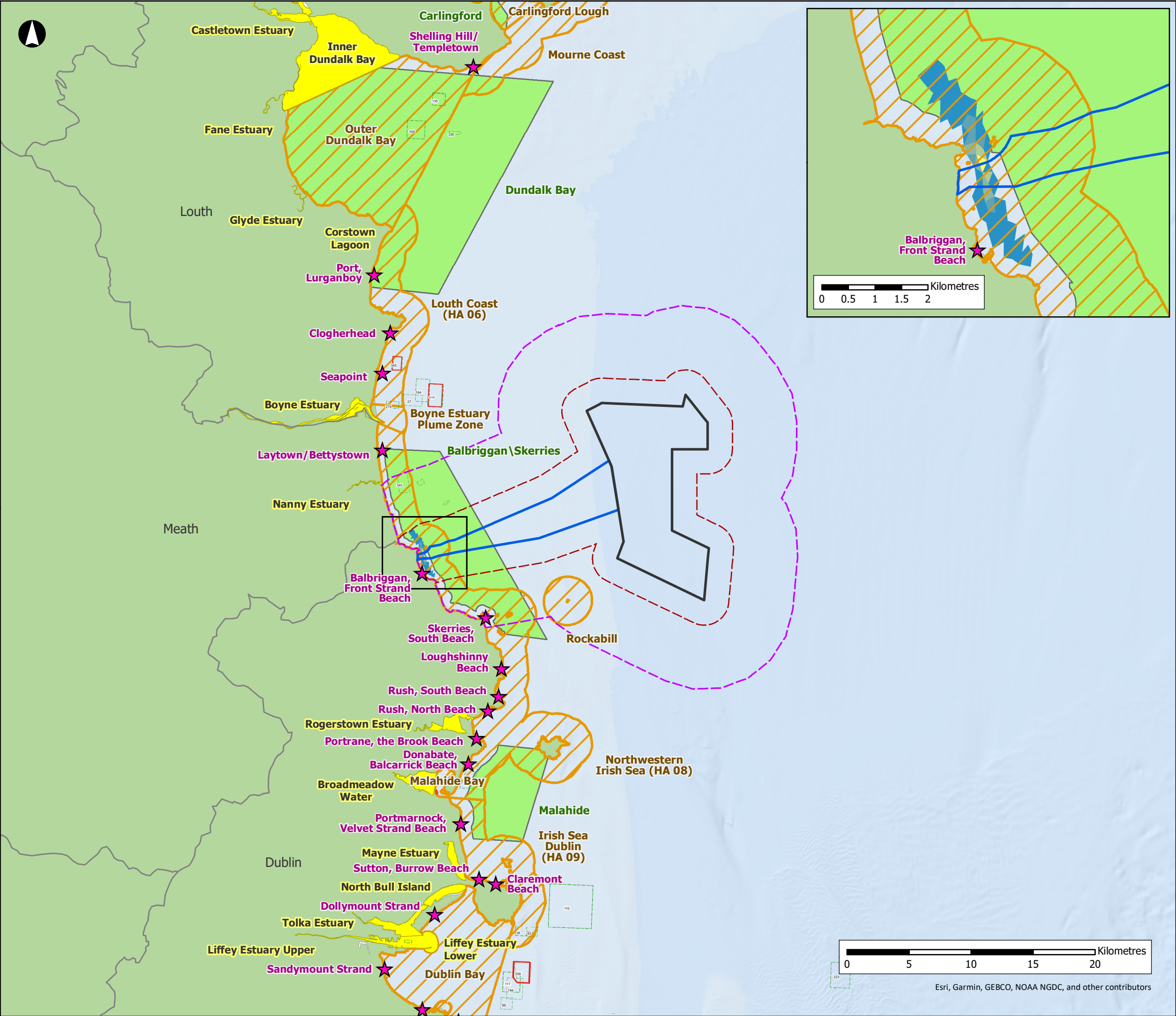
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Status: Issue

Datum: WGS84 Projection: UTM30N

Figure No:

11.11



Array Area

Offshore Export Cable Corridor

Zone of Influence

2km Buffer from Array and ECC

Bathing Waters

Coastal Water Bodies

Transitional Water Bodies

Shellfish Waters

Bentonite Suspended Max
Suspended Bentonite (mg/l)

<1 (trace level)

1 - 2 (normal variation)

2 - 5 (background level)

5 - 10 (background level)

10 - 20 (background level)

20 - 50 (4 * background)

50 - 100 (10 * background)

100 - 200 (20 * background)

200 - 500 (40 * background)

500 - 1000 (100 * background)

>1000 (200 * background)

Offshore Dumping Sites: Status

Latest Permit

Previous Permit

DAFF Permit

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Figure Title

Predicted Bentonite Plumes resulting from HDD Punch-Out

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Scale: 1:300,000 @A3

Status: Issue

Datum: WGS84 Projection: UTM30N

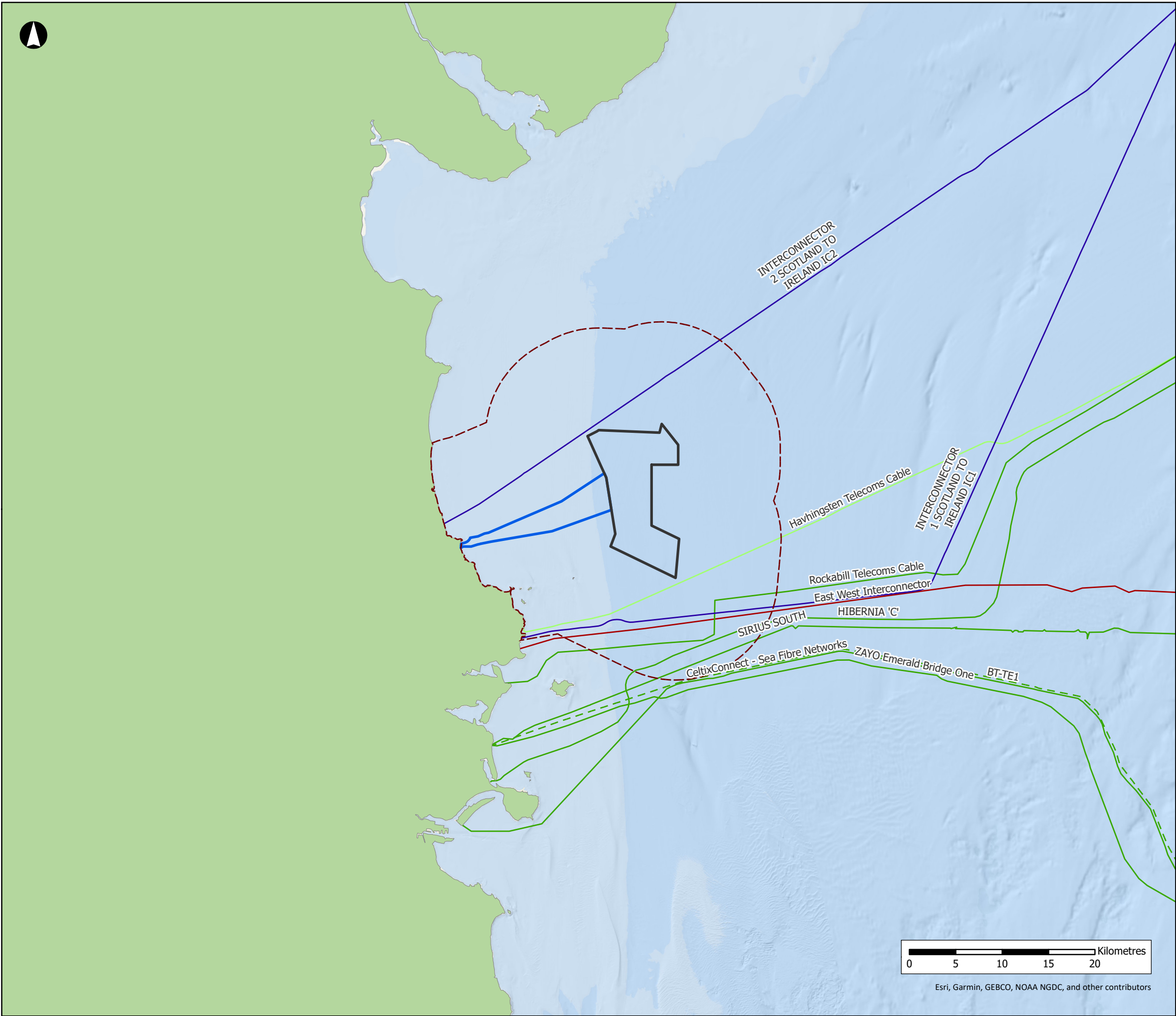
Figure No:

11.12

05101520

Kilometres

Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Array Area

Offshore Export Cable Corridor

Study Area

Gas Pipelines

Subsea Cable (Type - Status)

Power - Active

Telecom - Active

Telecom - Disused

Telecom - Proposed

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Figure Title

Location of Other Plans and Projects included in the MW&SQ Assessment

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Scale: 1:400,000 @A3

Status: Issue

Datum: WGS84 Projection: UTM30N

Figure No:

11.13