

Volume 7A: Figures

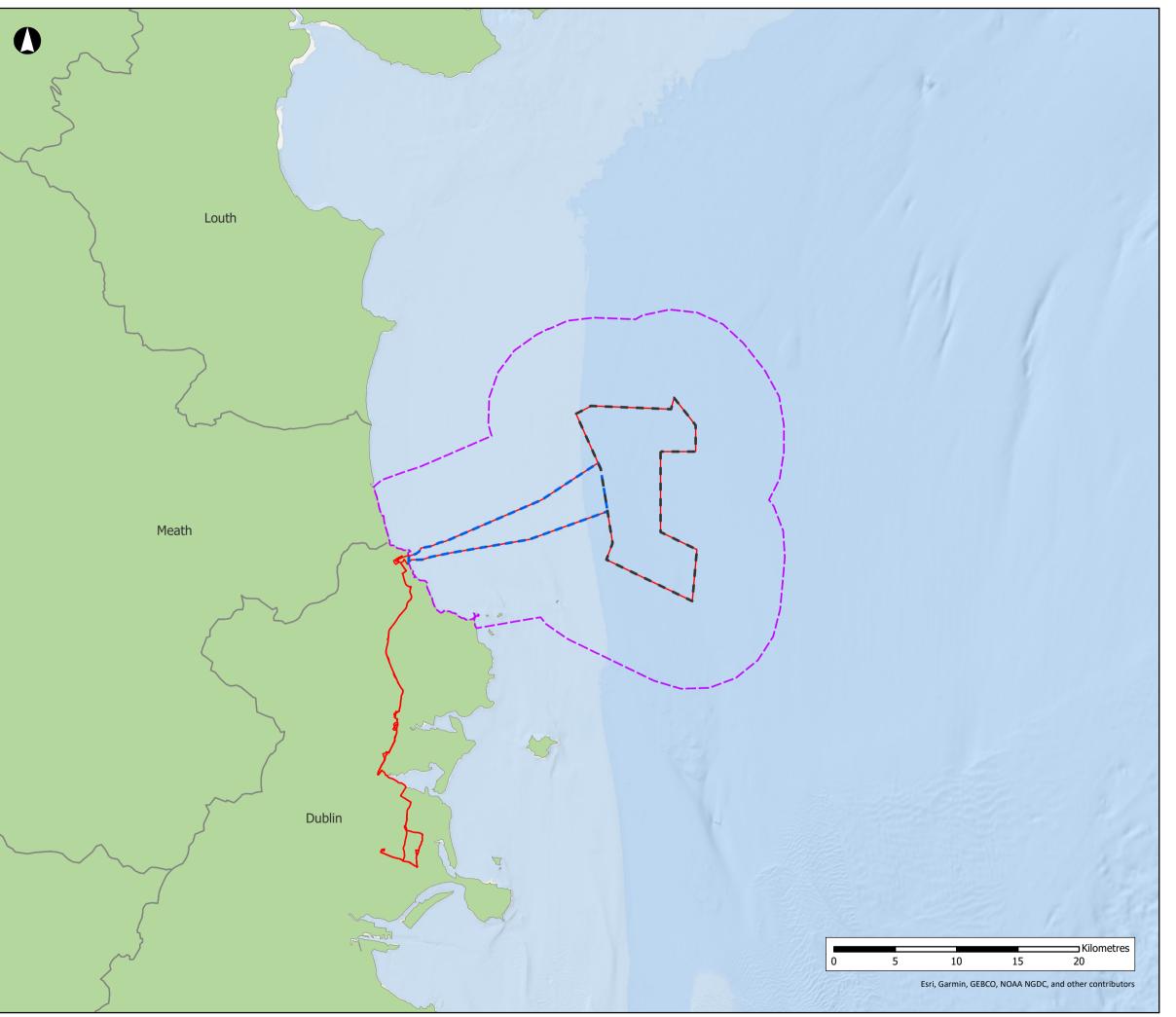
Figures for Chapter 11 Marine Water and Sediment Quality

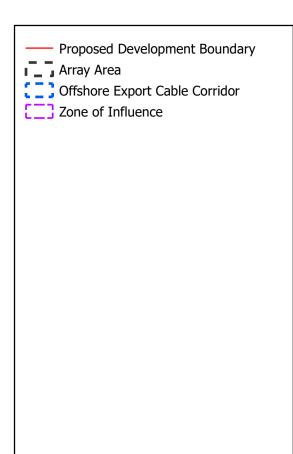












North Irish Sea Array

ARUP GOBe

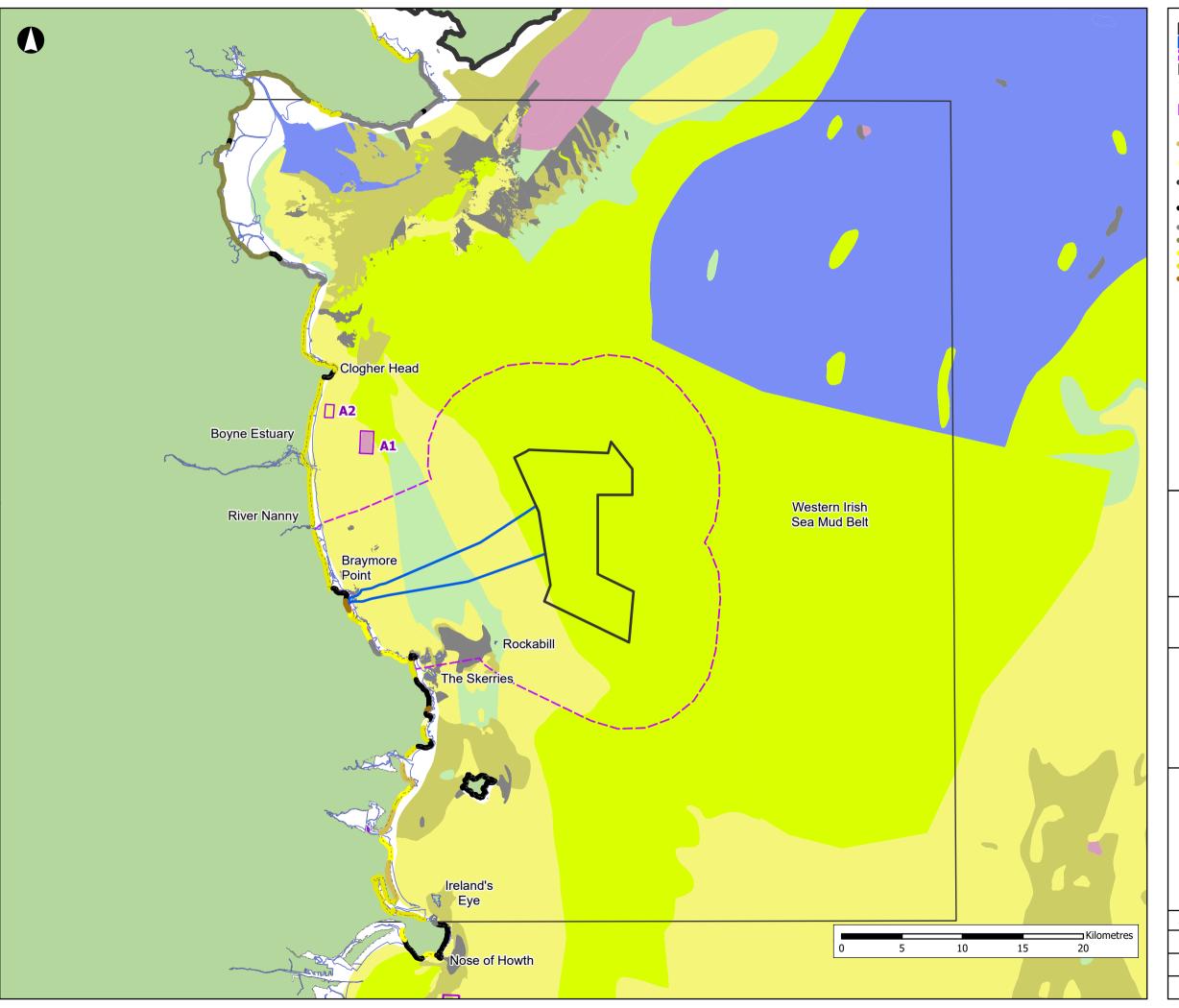
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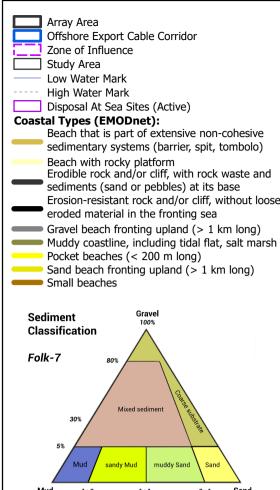
North Irish Sea Array Offshore Wind Farm

Figure Title

Overview of the Study Area for Marine Water and Sediment Quality

Job No:	281240	Datum: WGS84 Projection: UTM30N
Date:	May 2024	Figure No:
Scale:	1:300,000 @A3	11.1
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North Irish Sea Array

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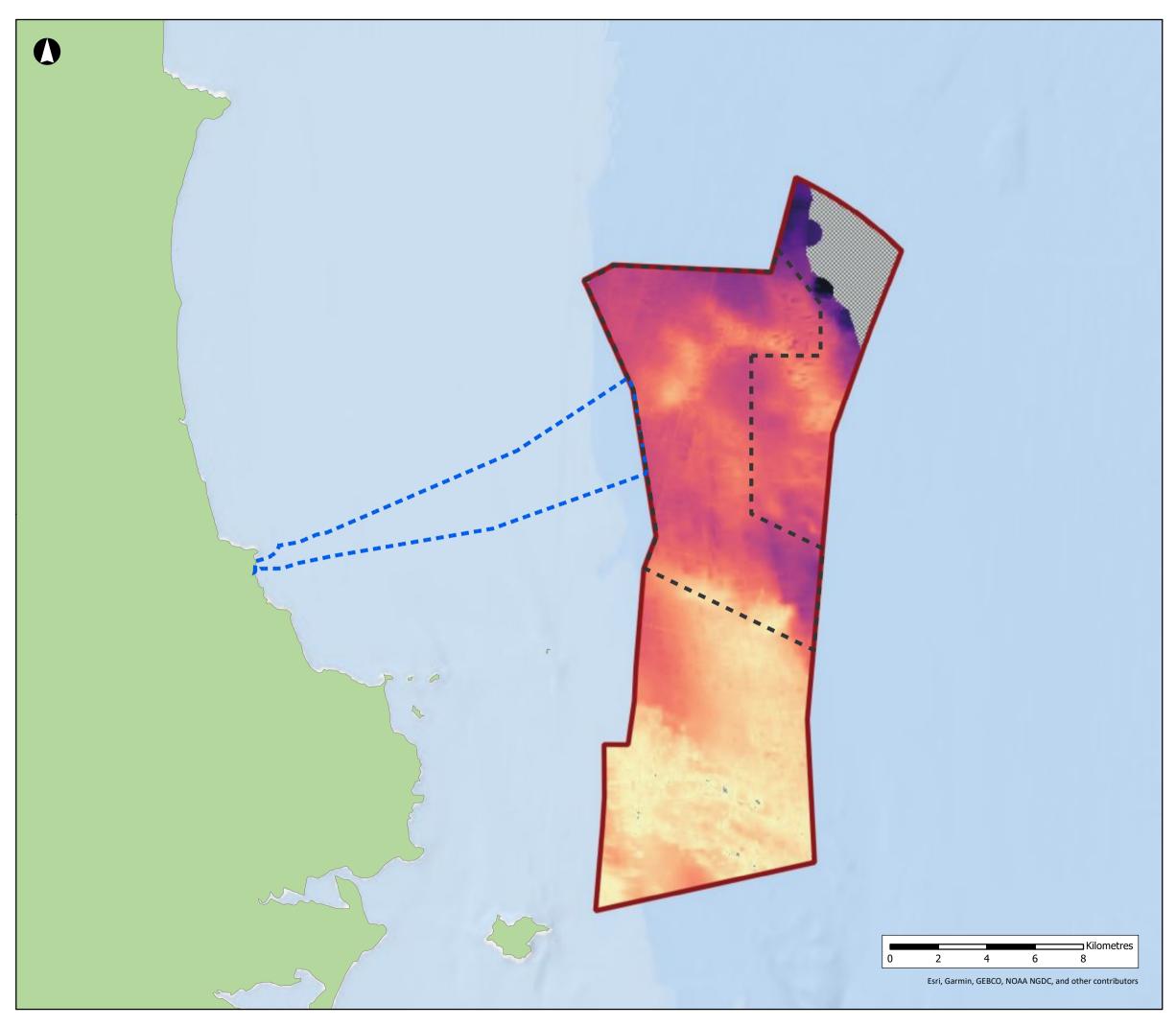
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North Irish Sea Array Offshore Wind Farm

Figure Title

Seabed Substrate Classification, Folk 5, from EMODnet Data

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	Date:	May 2024	Figure No:
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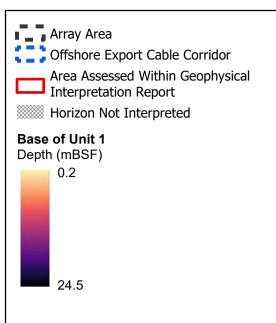


Figure adapted from Geophysical Interpretation Report 2020, (Figure 8-26, p90, REF: 20062-000-00)



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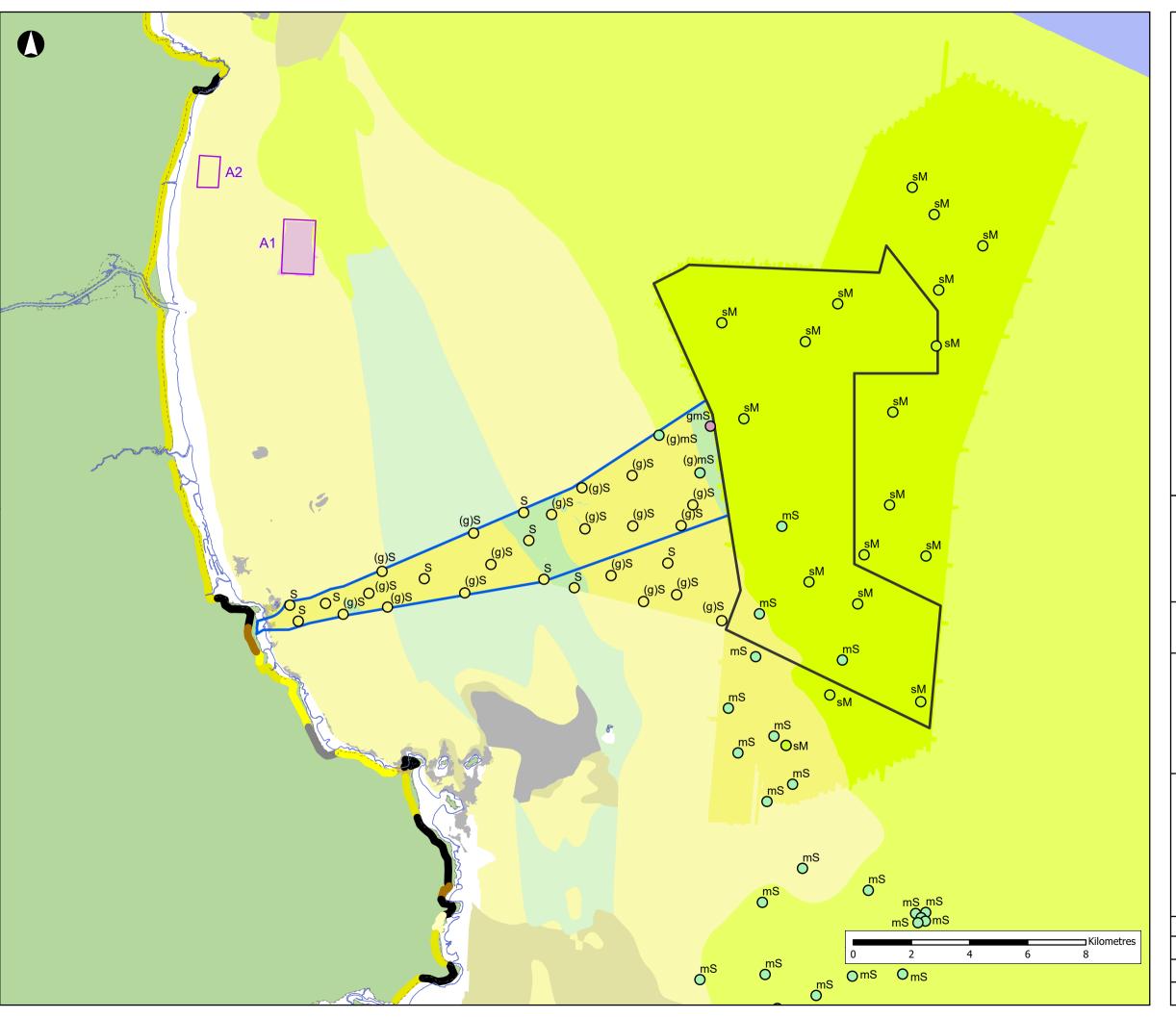
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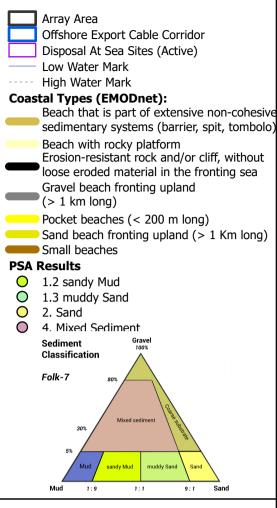
North Irish Sea Array Offshore Wind Farm

Figure Title

Depth of Unit 1 (Unconsolidated, Fine-grained Holocene Clays and Silts) within the Array Area (source: Figure 8-26 from Statkraft Geophysical Interpretation Report 2020)

Job No: 281240		Datum: WGS84 Projection: UTM30N
Date:	May 2024	Figure No:
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Status:	Issue	1110





North Irish Sea Array

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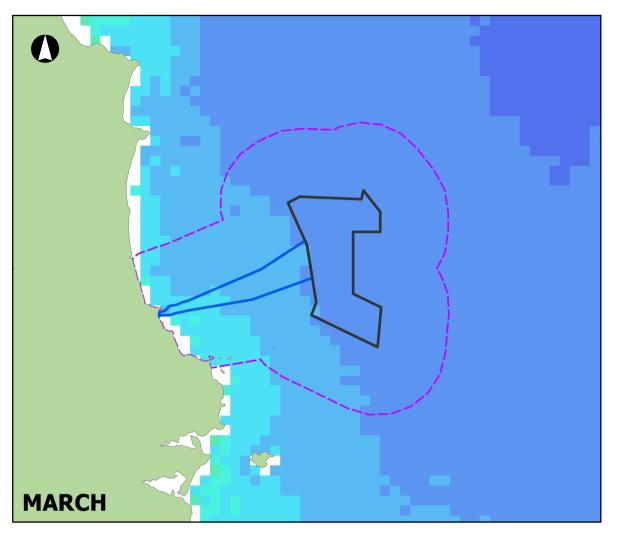
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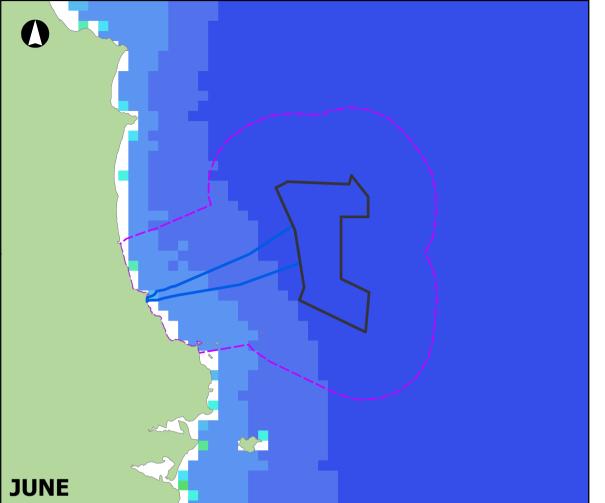
North Irish Sea Array Offshore Wind Farm

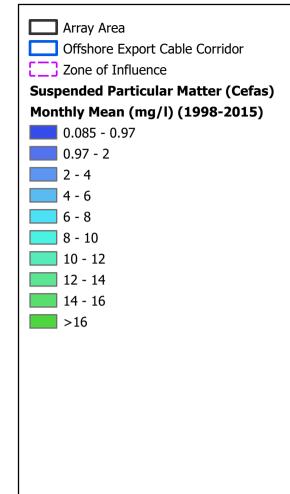
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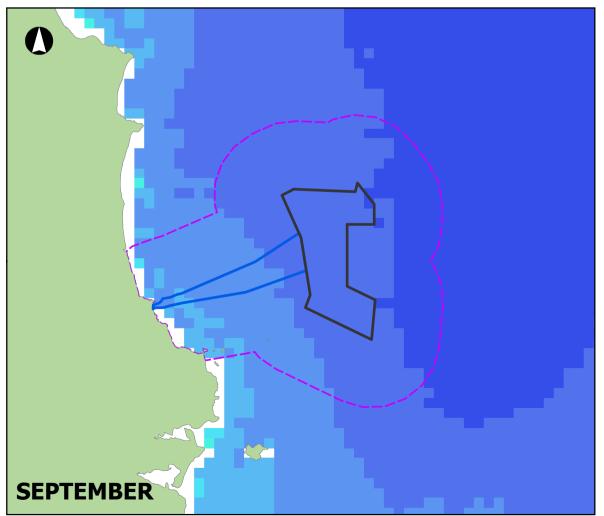
Location of Sediment Samples within the Array Area

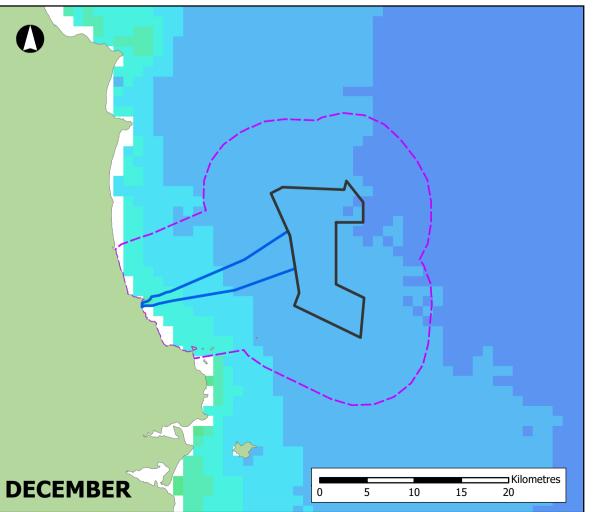
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North Irish Sea Array

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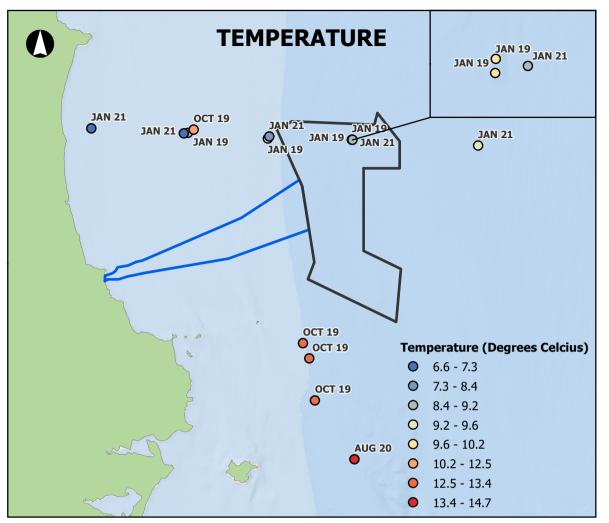
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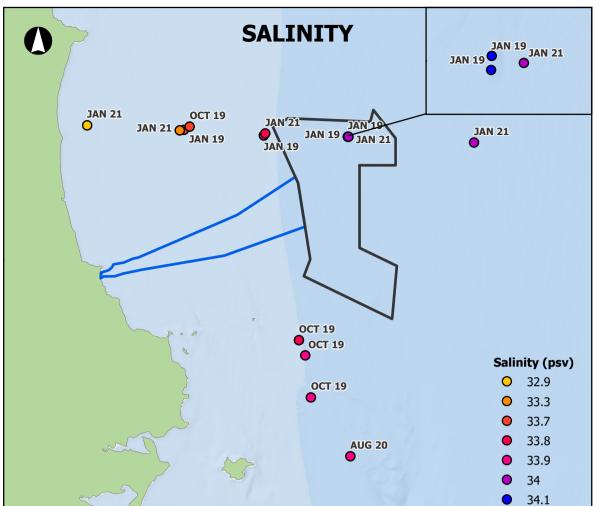
North Irish Sea Array Offshore Wind Farm

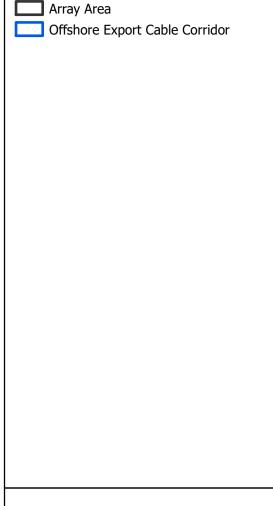
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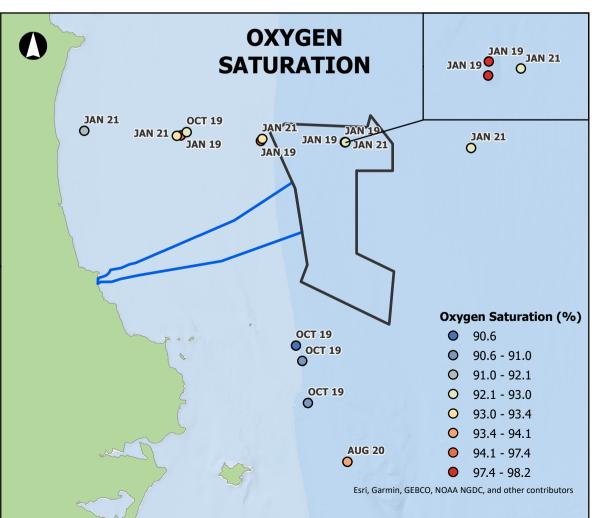
Suspended Particulate Matter Levels, as derived from Satellite Data, for the Period 1998 to 2015, throughout the Year

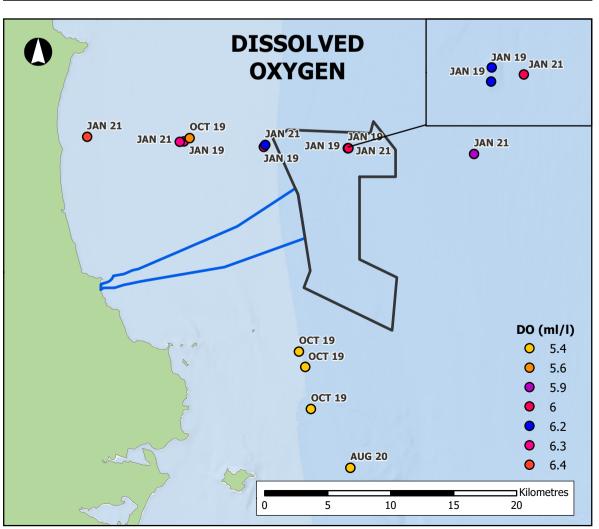
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North Irish Sea Array

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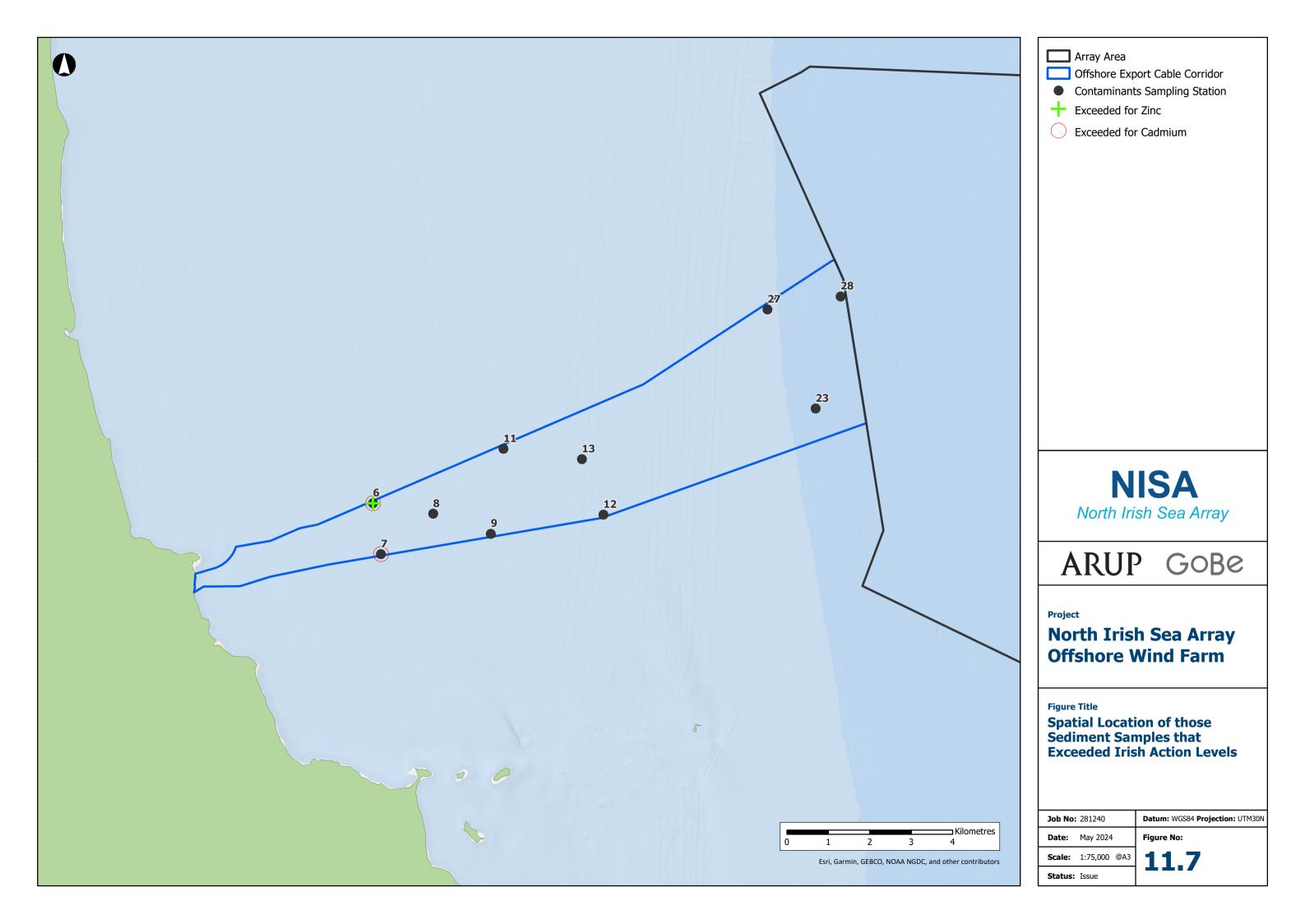
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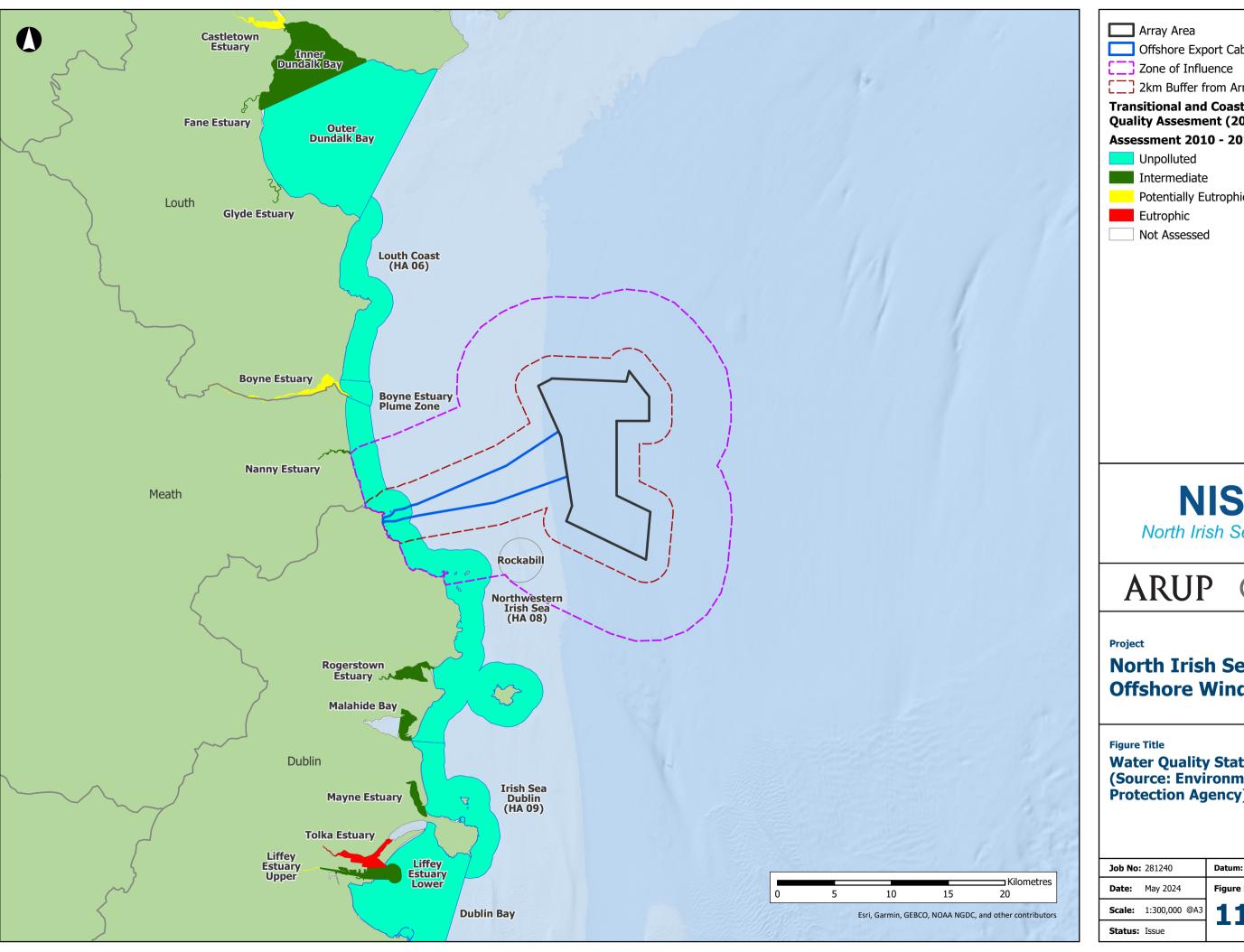
North Irish Sea Array Offshore Wind Farm

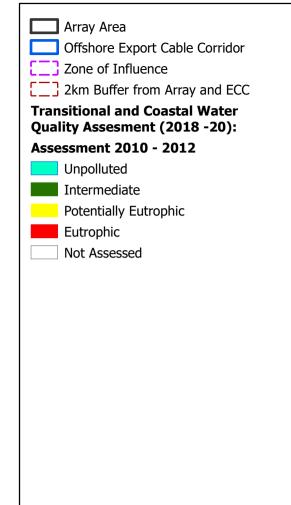
Figure Title

Spatial Representation of Temperature, Salinity, and Dissolved Oxygen Characteristics for CTD Samples taken from across the Array Area over Four Research Cruises (source: Marine Institute)

Job No:	: 281240	Datum: WGS84 Projection: UTM30N
Date:	May 2024	Figure No:
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Status:	Issue	







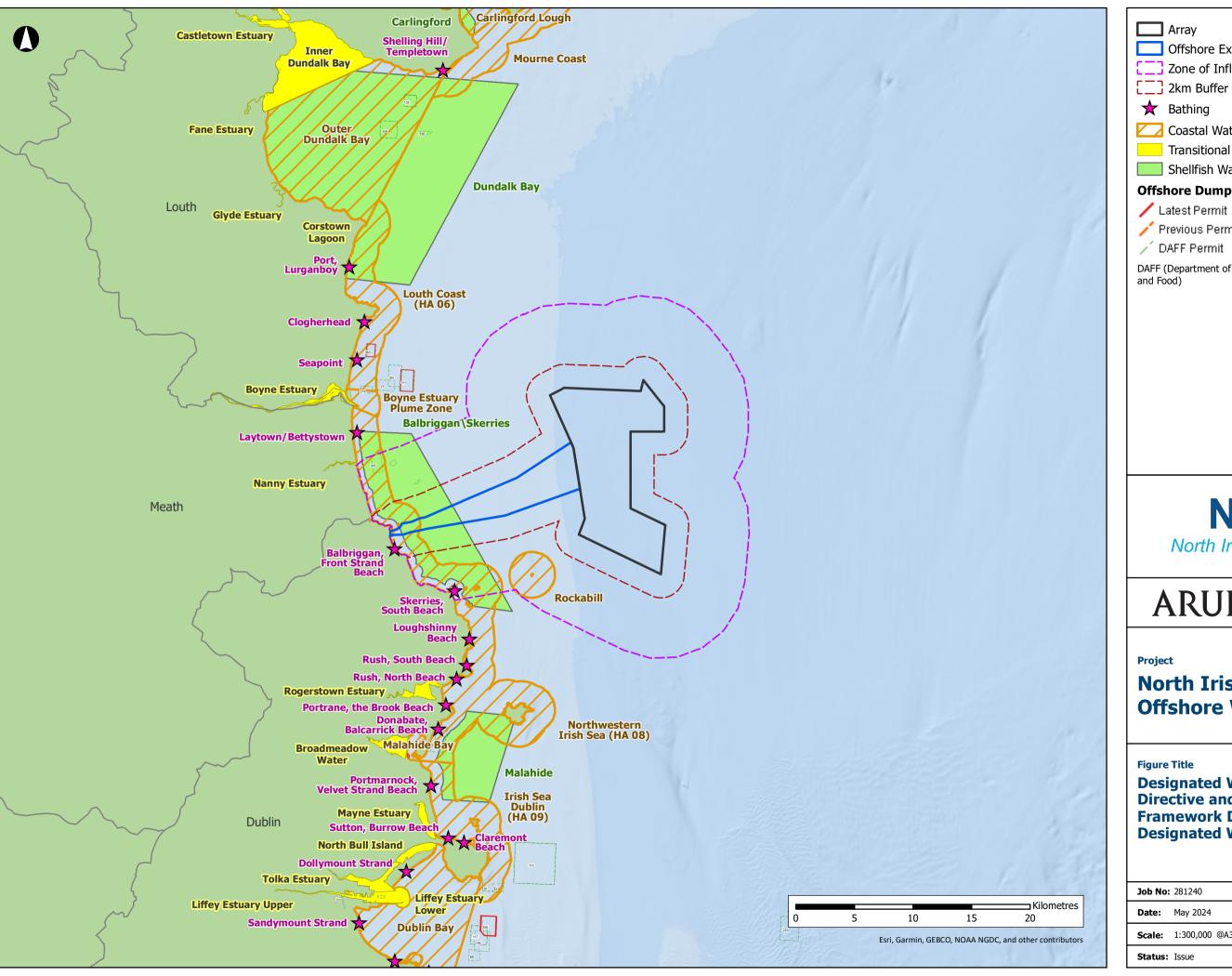
North Irish Sea Array

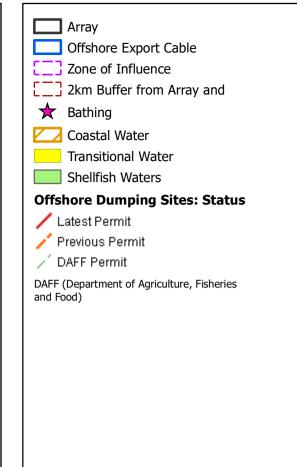
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North Irish Sea Array Offshore Wind Farm

Water Quality Status (Source: Environmental **Protection Agency**)

Job No:	: 281240	Datum: WGS84 Projection: UTM30N
Date:	May 2024	Figure No:
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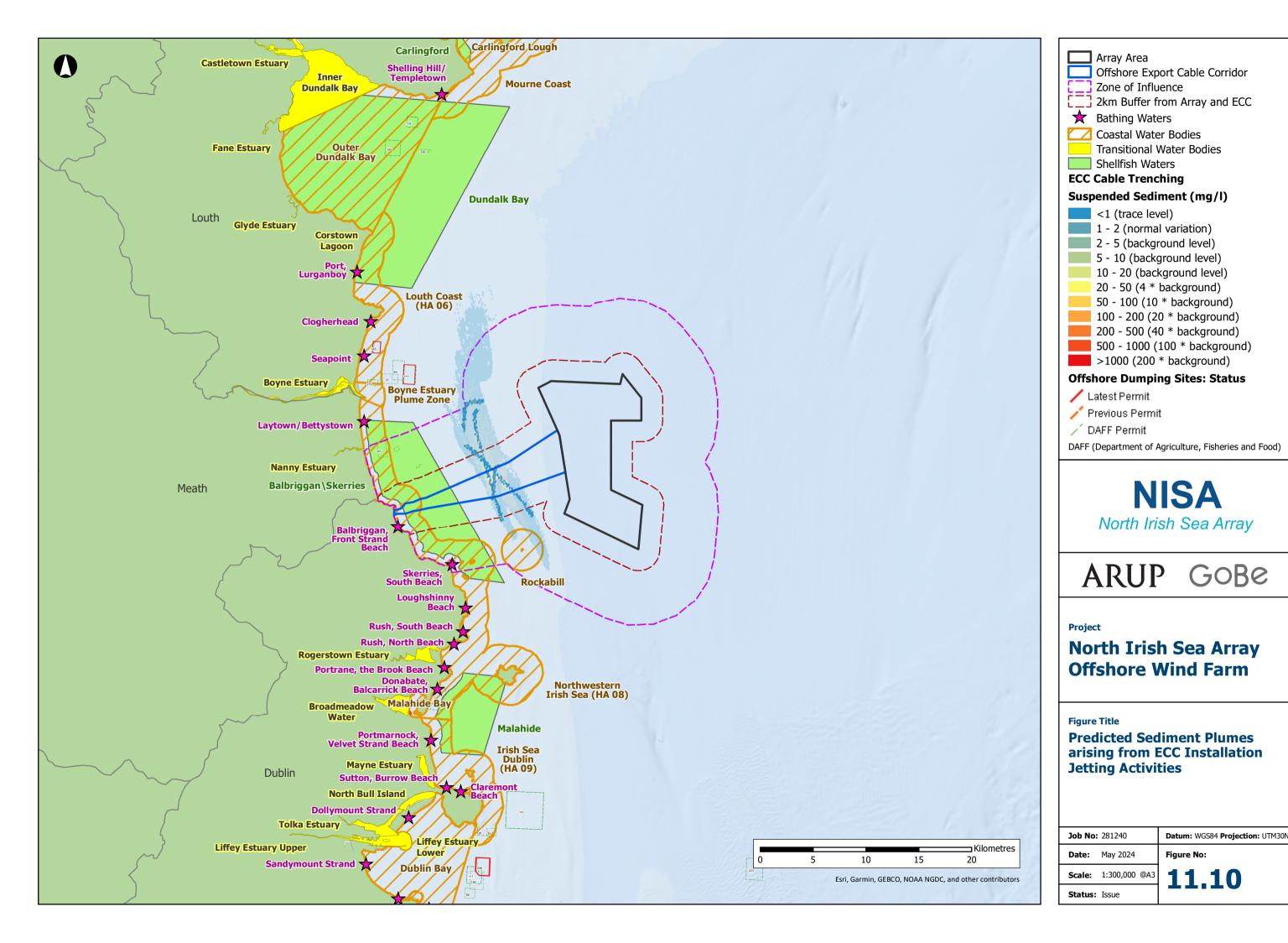
North Irish Sea Array

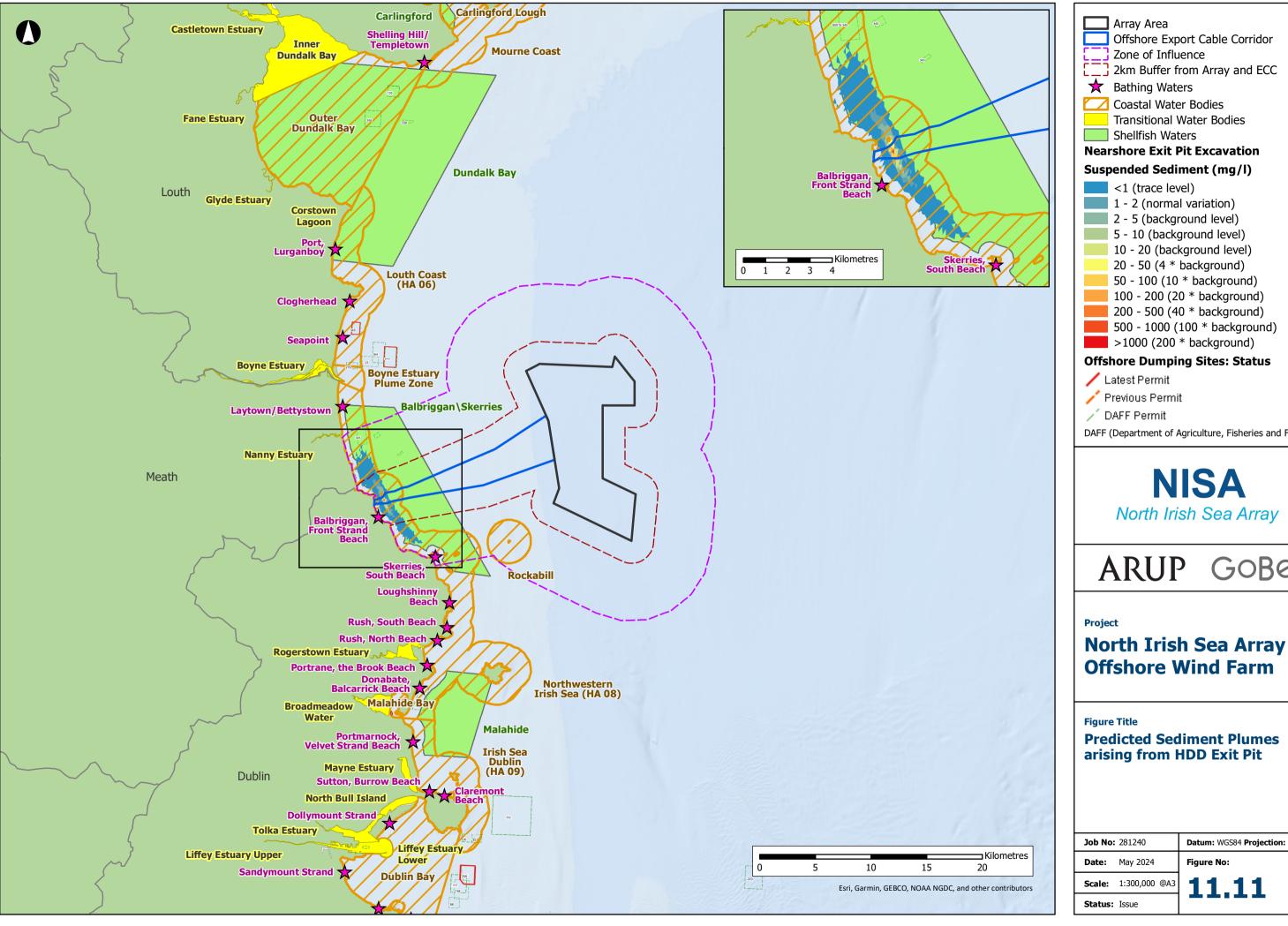
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North Irish Sea Array Offshore Wind Farm

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

Job No	281240	Datum: WGS84 Projection: UTM30N
Date:	May 2024	Figure No:
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Offshore Export Cable Corridor 2km Buffer from Array and ECC **Nearshore Exit Pit Excavation** 50 - 100 (10 * background) 100 - 200 (20 * background) 200 - 500 (40 * background) 500 - 1000 (100 * background) >1000 (200 * background) **Offshore Dumping Sites: Status** DAFF (Department of Agriculture, Fisheries and Food)

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Offshore Wind Farm

arising from HDD Exit Pit

Job No: 281240	Datum: WGS84 Projection: UTM30N
Date: May 2024	Figure No:
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