

## **Marine Licence with introductory note**

The Marine and Coastal Access Act (2009)

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Licence Holder: The Port of Mostyn Ltd

Company Number: 2804520

Coast Road  
Mostyn  
Flintshire  
CH8 9HE

Mostyn Energy Park Extension Project

Licence Number: CML2283

Licence Number: CML2283

# **Construction and dredge activities associated with the expansion of the Port of Mostyn as part of the Mostyn Energy Park Extension Project**

## **Marine Licence number: CML2283**

### **Introductory note**

#### **This introductory note does not form a part of the marine licence**

The main features of the marine licence are as follows.

- Constructing a 360 m length of new quay wall as a combination pile wall
- Infilling the area that is reclaimed behind the new quay wall
- Relocation of four existing Ro-Ro dolphins (piles) at the Port of Mostyn to another area within the harbour area
- Dredging of a new berth pocket along a new quay wall
- Dredging the existing berth pocket and main navigation channel
- Reusing up to 500,000 m<sup>3</sup> (1,000,000 tonnes) of the suitable dredge arisings as infill material for reclamation activity
- Disposal of dredged material at the Mostyn Deep (IS102) and Mostyn Breakwater (IS103) disposal site
- Removal annually of up to 75,000 m<sup>3</sup> (150,000 tonnes) of maintenance dredge material ashore
- Implementation of compensation measures that support natural mudflat restoration

The status log of the marine licence sets out the marine licence history, including any subsequent marine licence variation(s)

<b>Status log of this marine licence</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application	17 January 2023	Application received and considered to be duly made
Date licence determined	06 February 2025	Determination date

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**Related marine licences or applications under determination**

<b>Marine Licence or Application Number</b>	<b>Date</b>	<b>Comments</b>
DML1542v2	Licence issued 12 December 2019	Maintenance dredge licence for Port of Mostyn and subsequent disposal either at Mostyn Deep disposal site (IS102) or removed ashore.  Licensable activity permitted by DML1542v2 will be superseded by Marine Licence CML2283
DML2001	Licence issued 1 October 2020	Maintenance dredging by means of cutter suction hopper dredger at Mostyn Harbour and dredged arising pumped through a floating pipeline directly into the Mostyn Breakwater disposal site (IS103).  Licensable activity permitted by DML2001 will be superseded by Marine Licence CML2283
CML1343v3	Licence issued 16 December 2019	Construction associated with the Mostyn Energy Park Development including land reclamation activity.  Licensable activity permitted by CML1343v3 will be superseded by Marine Licence CML2283

End of introductory note.

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## MARINE LICENCE, NUMBER CML2283

### 1 LICENCE DETAILS

#### 1.1 Marine Licence

This is a licence granted by the Licensing Authority in respect of an application numbered **CML2283** and duly made on **17 January 2023** and authorises the Licence Holder to carry on activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009, (2009 Act). This licence should be interpreted in accordance with **Section 4**.

#### 1.2 Licence Holder

The Licence Holder is the company set out below:

**Company name:** The Port of Mostyn Ltd

**Company number:** 2804520

**Address:** Coast Road, Mostyn, Holywell, Flintshire, CH8 9HE

#### 1.3 Licence Validity

Licence Start Date	06 February 2025
Licence End Date	05 February 2032
Licence Issue Date	06 February 2025

#### 1.4 Conditions

This licence is subject to the conditions set out in **Section 3**.

Signed:



**Dr. Emmer Litt – Marine Licensing Team Leader**

For and on behalf of the Licensing Authority

## 2 LICENSED ACTIVITIES

### 2.1 Project

#### **Construction and dredge activities associated with the expansion of the Port of Mostyn as part of the Mostyn Energy Park Extension Project.**

**The works will include;**

- Constructing a 360 m length of new quay wall as a combination pile wall
- Infilling the area that is reclaimed behind the new quay wall
- Relocation of four existing Ro-Ro dolphins (piles) at the Port of Mostyn to another area within the harbour area
- Dredging of a new berth pocket along a new quay wall
- Dredging the existing berth pocket and main navigation channel
- Reusing up to 500,000 m<sup>3</sup> (1,000,000 tonnes) of the suitable dredge arisings as infill material for reclamation activity
- Disposal of dredged material at the Mostyn Deep (IS102) and Mostyn Breakwater (IS103) disposal site
- Removal annually of up to 75,000 m<sup>3</sup> (150,000 tonnes) of maintenance dredge material ashore
- Implementation of compensation measures that support natural mudflat restoration

The following Licensed Activities can be conducted within the Licence Period, within the Licensed Area and in accordance with the Approved Application and the Approved Supporting Documents:

**Table 1 Licensed Activities**

<b>Activity 1 Construction of new quay wall</b>	
Type of Licensed Activity	Construction, Alteration or Improvement
Description	<p>Constructing a 360 m length of new quay wall as a combination pile wall involving both impact (percussive) and vibratory piling methods to reach the required design depths.</p> <p>A new return wall tie-in will be constructed to the northern head of the existing breakwater and a southwestern connection with the existing quay. A short section of the existing quay wall at the interface between the new and existing quay walls will be excavated and partially demolished to enable the new quay wall structure and tie rods to be installed. A concrete capping beam will be provided to the top of the new quay wall to enable mooring bollards, fenders and other required marine fixtures (e.g. emergency ladders and grab chains) to be installed along the new quay.</p>
Material types to be removed or deposited	Various materials included in the construction and land reclamation consisting of;

	Iron/Steel/Concrete/Sand/Stone/Rock
Quantities/Dimensions	Construction of a 360 m length new quay wall
<b>Activity 2 Infilling the area that is reclaimed behind the new quay wall</b>	
Type of Licensed Activity	Construction, Alteration or Improvement
Description	<p>Infilling the area that is reclaimed (approximately 3.5 ha) behind the new quay wall with approximately 600,000 m<sup>3</sup> of infill material to reach a final fill height of 12 m above Chart Datum (CD). This infill requirement is proposed to be met by reusing 500,000 m<sup>3</sup> (1,000,000 tonnes) of the suitable capital dredge arisings, and 100,000 m<sup>3</sup> of aggregate hardcore material for the top circa 1m layer of the reclamation.</p> <p>The infill material is proposed to be vibro-compacted to improve its properties and minimise settlement, and distributed evenly across the reclamation area. Existing materials and structures within the footprint of the reclamation will be dismantled and/or re-used.</p>
Material types to be removed or deposited	<p>Various materials included in the construction and land reclamation consisting of;</p> <p>Iron/Steel/Concrete/Sand/Stone/Rock</p>
Quantities/Dimensions	Reclamation of an area approximately 3.5ha behind the new quay wall using up to 500,000m <sup>3</sup> (1,000,000 tonnes) of suitable capital dredge arising and the remainder made up of aggregate hardcore material imported to site.
<b>Activity 3 Relocation of four existing Ro-Ro dolphins</b>	
Type of Licensed Activity	Construction, Alteration or Improvement
Description	Relocation of four existing Ro-Ro dolphins (piles) at the Port of Mostyn to another area within the harbour area using the same installation methods as the new quay wall
Material types to be removed or deposited	<p>Various materials included in the construction consisting of;</p> <p>Iron/Steel/Concrete/Sand/Stone/Rock</p>
Quantities/Dimensions	The Ro-Ro dolphins (piles) are a maximum diameter of 2m.
<b>Activity 4 Implementation of compensation measures</b>	
Type of Licensed Activity	Removal
Description	<p>Compensation measures across the two following sites;</p> <p><u>Mostyn Scrape Back</u> Rubble is to be scraped back from the toe of the breakwater structure along the western section of the dock estate to expose intertidal mudflat habitat on the Mostyn Bank.</p> <p><u>Warwick Foreshore Remedial Site (also known as Marsh Row Remedial Site)</u></p>

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	Scrape back the foreshore which currently comprises discarded man-made debris including breeze blocks, concrete, bricks and rubble to expose underlying natural habitat.
Material types to be removed	Brick/debris/slag deposits/concrete/boulders
Quantities/Dimensions	Mostyn Scrape Back - area where scrape back will occur is approximately 1.5 ha.  Warwick Foreshore Remedial Site - area where scrape back will occur is approximately 1.8 ha.

**Table 2 Licensed Dredge / Disposal Activities**

<b>Activity 5 Dredge and Disposal</b>	
Marine Licensable Activity Type	Dredge/ and Deposit
Description	<p>Dredging by various means including cutter suction dredging, trailer hopper suction dredging, plough dredging and water injection dredging.</p> <p>Dredging of a new berth pocket and slope along a new quay wall to a depth of -11 m below Chart Datum (CD) plus 1 m over dredge allowance (up to 400,000 m<sup>3</sup> (800,000 tonnes)).</p> <p>Dredging the existing berth pocket along the existing quay wall to a depth of -9 m below CD (up to 100,000 m<sup>3</sup> (200,000 tonnes)).</p> <p>Dredging the existing main navigation channel to a depth of – 4m below CD (up to 3,000,000 m<sup>3</sup> (6,000,000 tonnes)).</p> <p>Maintenance dredging of the new berth, existing berths, harbour and approach channel (up to 499,995 m<sup>3</sup> or 999,990 tonnes per year).</p> <p>Up to a maximum of 500,000 m<sup>3</sup> (1,000,000 tonnes) of the suitable capital dredge arisings from the capital dredging of the new and existing berths is to be used as infill within the land reclamation area.</p> <p>Up to 75,000m<sup>3</sup> of maintenance dredge arising to annually be pumped ashore into a prepared site at the port of Mostyn to be beneficially used in other projects.</p>

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	Disposal of maintenance dredge arising to Mostyn Breakwater (IS103) and Mostyn Deep (IS102) disposal sites.		
	Disposal of capital dredge arising at the Mostyn Deep Disposal Site (IS102).		
Maximum Total Annual Dredge volume and tonnage under this licence	Sampled Specific Gravity	m <sup>3</sup> per year	Tonnage per year
	<b>2</b>	<b>574,995</b>	<b>1,149,990</b>
Maximum Dredge Depth and Volume (Zone 1)	Capital Dredging of a new berth pocket along a new quay wall to a depth of -11 m below CD plus 1 m over dredge allowance (up to 400,000 m <sup>3</sup> (800,000 tonnes)).		
Maximum Dredge Depth and Volume (Zone 2)	Capital Dredging of the existing berth pocket along the existing quay wall to a depth of -9 m below CD (up to 100,000 m <sup>3</sup> (200,000 tonnes)).		
Maximum Dredge Depth and Volume (Zone 3)	Capital Dredging of the existing main navigation channel to a depth of – 4m below CD (up to 3,000,000 m <sup>3</sup> (6,000,000 tonnes)).		
Maximum Volume Depth and Volume (Zone 4)	<p>Maintenance dredging of;</p> <ul style="list-style-type: none"> <li>the new berth (Dredge Zone 1) to a depth up to -11 m below CD plus 1 m over dredge allowance;</li> <li>The existing berths (Dredge Zone 2) to a depth up to -9 m below CD;</li> <li>the main navigation channel within Zone 4 to a depth up to -4m below CD;</li> </ul> <p>up to 499,995 m<sup>3</sup> (999,990 tonnes) per annum of maintenance dredge arising to be transported and disposed at disposal sites IS102 and IS103;</p> <p>up to 75,000 m<sup>3</sup> (150,000 tonnes) per annum of maintenance dredge arising to be pumped ashore.</p>		
Deposit Location [A]	Site Code: <b>IS102</b>	Site Name: <b>Mostyn Deep</b>	
Material Type [A]	Sand and Silt, as described in the approved application form		
Maximum Deposit to Deposit Location [A]	Sampled Specific Gravity	m <sup>3</sup> per year	Tonnage per year
	<b>2</b>	<b>450,000</b>	<b>900,000</b>
Deposit Location [B]	Site Code: <b>IS103</b>	Site Name: <b>Mostyn Breakwater</b>	

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Material Type [B]	Sand and Silt, as described in the approved application form		
Maximum Deposit to Deposit Location [B]	Sampled Specific Gravity	m <sup>3</sup> per year	Tonnage per year
	2	49,995	99,990

## 2.2 Licensed Area

The Licence Holder is authorised to conduct Activity 1 Construction of new quay wall described in Table 1 at the Port of Mostyn between the coordinates specified in Table 3 below and as indicated in the plan attached at Appendix 4.

**Table 3 Coordinates for Activity 1 – Construction of new quay**

Latitude	Longitude
53.32568451	-3.260898921
53.32525508	-3.260438662
53.32304079	-3.261865614
53.32289166	-3.262622300

The Licence Holder is authorised to conduct Activity 2 Infilling the area that is reclaimed behind the new quay wall described in Table 1 at the Port of Mostyn bounded by the coordinates specified in Appendix 1 and as indicated in the plan attached at Appendix 4.

The Licence Holder is authorised to conduct Activity 3 Relocation of four existing Ro-Ro dolphins described in Table 1 at the Port of Mostyn bounded by the coordinates specified in Table 4 below and as indicated in the plan attached at Appendix 4.

**Table 4 Coordinates for Activity 3 – Relocation of four existing Ro-Ro dolphins**

Latitude	Longitude
53.32061713	-3.26137706
53.32064363	-3.25886930
53.31914204	-3.25882514
53.31911554	-3.26133281
53.32029094	-3.26136745
53.32032463	-3.26121623

The Licence Holder is authorised to conduct Activity 4 Implementation of Compensation Measures described in Table 1 at the Port of Mostyn bounded by the coordinates specified in Appendix 2 and as indicated in the plan attached at Appendix 5.

The Licence Holder is authorised to conduct the dredging activities described in Table 2 bounded by the coordinates specified in Table 5-7 and as indicated in the plan attached at Appendix 6:

**Table 5      Coordinates for Dredge Zone 1 – new berth pocket and slope**

<b>Latitude</b>	<b>Longitude</b>
53.32560034	-3.260615592
53.32551099	-3.260226461
53.32542525	-3.259853014
53.32539039	-3.259701209
53.32535467	-3.259681126
53.32512692	-3.259392233
53.32487767	-3.259145204
53.32441127	-3.259335652
53.32323513	-3.260048852
53.32241987	-3.260636965
53.32217799	-3.260803278
53.32205415	-3.261218590
53.32200531	-3.261308933
53.32215289	-3.261951656
53.32221394	-3.262217551
53.32238339	-3.262327532
53.32540468	-3.260392297
53.32551910	-3.260397228

**Table 6      Coordinates for Dredge Zone 2 – existing berth pocket**

<b>Latitude</b>	<b>Longitude</b>
53.3226417	-3.262165753
53.32044697	-3.260957822
53.32038215	-3.261286323
53.32257687	-3.262494268

**Table 7      Coordinates for Dredge Zone 3 – existing main navigation channel**

<b>Latitude</b>	<b>Longitude</b>
53.32602587	-3.254327425
53.32721019	-3.256508792
53.3332365	-3.257466454
53.34341666	-3.263362355
53.34335945	-3.261408397
53.33255354	-3.255754866

**The Licence Holder is authorised to conduct the maintenance dredging of the main navigation channel as described in Table 2 within Dredge Zone 4 bounded by the coordinates specified in Appendix 3 and as indicated in the plan attached at Appendix 6.**

**The Licence Holder is authorised to conduct the deposit activities described in Table 2 / comprised in Activity 5 bounded by the coordinates specified in Table 8.**

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**Table 8 Permitted Deposit Locations – Mostyn Deep**

<b>Deposit Area Mostyn Deep IS102</b>	
<b>Latitude</b>	<b>Longitude</b>
53.350801	-3.269699
53.349001	-3.272499
53.360800	-3.303499
53.362803	-3.301300

The Licence Holder is authorised to conduct the deposit activities described in Table 2 / comprised in Activity 5 within a circle of 75 metre radius centred on the following coordinate specified in Table 9.

**Table 9 Permitted Deposit Locations – Mostyn Breakwater**

<b>Deposit Area Mostyn Breakwater IS103</b>	
<b>Latitude</b>	<b>Longitude</b>
53.326033	-3.2586528

In the event of any discrepancy between the coordinates set out above and the plans attached at Appendix 4-6, the coordinates shall take precedence.

### **2.3 Approved Supporting Documents**

<b>Title/Description of Document</b>	<b>Date Submitted</b>
CML2283 Environmental Statement: Non-Technical Summary	26 January 2023
CML2283 Environmental Statement Chapter 1: Introduction	13 December 2022
CML2283 Environmental Statement Chapter 2: Proposed Development	13 December 2022
CML2283 Environmental Statement Chapter 3: Project Methodology	13 December 2022
CML2283 Environmental Statement Chapter 4: Legislative and Consenting Framework	13 December 2022
CML2283 Environmental Statement Chapter 5: Impact Assessment Approach	13 December 2022
CML2283 Environmental Statement Chapter 6: Physical Processes	13 December 2022
CML2283 Environmental Statement Chapter 7: Water and Sediment Quality	20 January 2023
CML2283 Environmental Statement Chapter 8: Nature Conservation and Marine Ecology	13 December 2022
CML2283 Environmental Statement Chapter 9: Fisheries	13 December 2022
CML2283 Environmental Statement Chapter 10: Commercial and Recreational Navigation	13 December 2022
CML2283 Environmental Statement Chapter 11: Flood Risk and Drainage	13 December 2022
CML2283 Environmental Statement Chapter 12: Cultural Heritage and Marine Archaeology	13 December 2022

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CML2283 Environmental Statement Chapter 13: Cumulative and In-combination Effects	13 December 2022
CML2283 Environmental Statement Chapter 14: Summary	13 December 2022
CML2283 Environmental Statement Appendix 1.1: EIA Competency Statement	13 December 2022
CML2283 Environmental Statement Appendix 4.1: Marine Plan Conformance Assessment in NRW template	13 December 2022
CML2283 Environmental Statement Appendix 6.1: Waste Hierarchy Assessment	13 December 2022
CML2283 Environmental Statement Appendix 6.2: Model Calibration Report	13 December 2022
CML2283 Environmental Statement Appendix 7.1: Water Framework Directive Assessment	20 January 2023
CML2283 Environmental Statement Appendix 7.2: Sediment sample plan analysis results in NRW template	13 December 2022
CML2283 Environmental Statement Appendix 8.1: Benthic Ecology Survey Report	13 December 2022
CML2283 Environmental Statement Appendix 8.2: Fish and Marine Mammals Surveys	13 December 2022
CML2283 Environmental Statement Appendix 8.3: Coastal Bird Surveys	13 December 2022
CML2283 Environmental Statement Appendix 8.4: Underwater Noise Assessment	13 December 2022
CML2283 Environmental Statement Appendix 8.5: Habitats Regulations Assessment	13 December 2022
CML2283 Environmental Statement Appendix 10.1: Navigational Risk Assessment Terminology	13 December 2022
CML2283 Environmental Statement Appendix 11.1: Flood Consequence Assessment	13 December 2022
CML2283 Environmental Statement Appendix 12.1: Marine Archaeology Desk-Based Assessment	13 December 2022
CML2283 Updated Marine Works Application Form	1 September 2023
CML2283 Updated Dredge and Disposal Application Form	30 August 2023
CML2283 Further Information Report Reference: R4238	30 August 2023
CML2283 Further Information Appendix A Comments log	24 July 2023
CML2283 Further Clarification Report Reference: R4439	28 March 2024
CML2283 Further Clarification Appendix A – Comment Log	28 March 2024
CML2283 ABPmer Response Letter dated 17 June 2024	17 June 2024
CML2283 Information to support Derogation: R4606	20 September 2024

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### 3 CONDITIONS

#### Notification and Inspection

##### 3.1 Notification of Commencement

- 3.1.1 The Licence Holder must notify the Licensing Authority no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.3 The Licence Holder must ensure that local mariners and fishermen's organisations are made fully aware of the Licensed Activities through local notices to mariners **10 days** prior to the commencement of the Licensed Activities.

##### 3.2 Notification of Vessels and/or Vehicles

The Licence Holder must ensure that the details of the vessels and/or vehicles utilised to undertake the Licensed Activities are submitted to the Licensing Authority and Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) at least **24 hours** prior to the commencement of the Licensed Activities.

##### 3.3 Notification of Agents/Contractors/Sub-contractors

The Licence Holder must ensure that details of any agent(s), contractor(s) or sub-contractor(s) utilised to undertake the Licensed Activities are submitted to the Licensing Authority at least **24 hours** prior to the commencement of Licensed Activities.

##### 3.4 Notification of HM Coastguard

The Licence Holder must ensure that HM Coastguard is made aware of the Licensed Activities at least **24 hours** prior to commencement by contacting The National Maritime Operations Centre at **zone32@hmcg.gov.uk**.

##### 3.5 Inspection of Licensed Activities

The Licence Holder must allow Marine Enforcement Officers or any other person authorised by the Licensing Authority to inspect the Works at any reasonable time.

##### 3.6 Notification of Completion

- 3.6.1 The Licence Holder must notify the Licensing Authority within **10 days** of completion of the Licensed Activities.
- 3.6.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) within **10 days** of completion of the Licensed Activities.

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### **3.7 Accident or Emergency**

**3.7.1** If, by reason of force majeure any substances or articles are deposited otherwise than as permitted as part of the Licensed Activities or in the Licensed Area full details of the circumstances shall be notified to the Licensing Authority within **48 hours** of the incident occurring.

**3.7.2** If it is necessary for the Licence Holder to recover or remove any equipment, plant or machinery used to undertake the Licensed Activities that have been dropped as a result of an accident or emergency, the Licence Holder is permitted to do so provided that the methodology for such recovery or removal has been approved by the Licensing Authority.

### **3.8 Distribution of Copies of this Licence**

The Licence Holder is required to ensure that a copy of this Licence is given to:

- All agent(s), contractor(s) and sub-contractor(s) whose names have been provided to the Licensing Authority under condition 3.3 and
- The Masters of any vessels and transport managers responsible for the vehicles employed in accordance with this Licence whose details have been submitted to the Licensing Authority under condition 3.2.

### **3.9 Inspection of Documents**

Copies of this Licence shall be made available at the following locations:

- at the address of the Licence Holder specified in section 1.2;
- at any site office, located at or adjacent to the Licensed Area, used by the Licence Holder or its agent(s), contractor(s) or sub-contractor(s) responsible for the loading transportation or deposit of any substances or articles permitted as part of the Licensed Activities;
- on board each vessel or vehicle carrying out Licensed Activities.

The documents referred to in this Condition shall be available at all reasonable times for inspection by officers appropriately authorised by the Licensing Authority and authorised Marine Enforcement Officers at the locations stated in that paragraph.

### **Vessels, Plant and Equipment**

#### **3.10 Notified Contractors, Vessels and/or Vehicles only to Carry out Licensed Activities**

Only those agent(s), contractor(s), sub-contractor(s), vessels and/or vehicles whose details have been notified to the Licensing Authority may operate under the terms of this Licence. Any changes must be notified to and be approved by the Licensing Authority in writing prior to any such agent, contractor, subcontractors or vehicles carrying out any Licensed Activities pursuant to or otherwise operating under this Licence.

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### **3.11 Refuelling of Plant and Equipment**

The Licence Holder must ensure that plant, vehicles and machinery are not refuelled on the foreshore or in the sea.

### **3.12 Equipment, Structures and Access**

The Licence Holder must ensure that all equipment, temporary structures, access tracks, waste and/or debris associated with the Licensed Activities are removed on completion of the Licensed activities.

## **Safety**

### **3.13 Removal of Deposited Material**

If the Licensing Authority considers it necessary or advisable for the safety of navigation, the Licence Holder must remove any deposit specified by the Licensing Authority or Marine Enforcement Officers within one month of notice being given by the Licensing Authority, and shall not replace such material until the Licensing Authority has given its written approval.

## **Pollution control**

### **3.14 Pollution Prevention**

The Licence Holder must ensure that pollution prevention best practice is adhered to at all times. Any incidents must be reported to the Licensing Authority as soon as possible using the hotline number **0300 065 3000**.

### **3.15 Spillage of Pollutants**

The Licence Holder must employ bunding, storage facilities and spill kits to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Secondary containment must be used with a capacity of **no less than 110%** of the container's storage capacity

### **3.16 Prevention of Disposal of Man-made Debris**

The Licence Holder must ensure that all reasonable precautions are taken to prevent the disposal of man-made debris to the marine environment. Such material must be removed immediately and be disposed of appropriately. If it is not possible to prevent manmade debris from entering the marine environment during the Licensed Activities, the Licensed Activities must cease immediately.

### **3.17 Cleanliness of Equipment**

The Licence Holder must ensure that equipment, machinery and PPE are washed with freshwater and/or thoroughly airdried before deployment and before moving between locations.

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### **Activity-specific Conditions**

#### **3.18 Construction Environment Management Plan (CEMP)**

3.18.1 The Licence Holder must submit a CEMP to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. The plan must incorporate the proposed mitigation identified within the Environmental Statement and Further Clarification Report (ABPmer March 2024) and include;

- measures that will be implemented during piling activities to avoid/reduce impact on fish, birds and marine mammals
- measures to minimise visual and noise disturbance during construction activities
- pollution prevention measures

3.18.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.18.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

#### **3.19 Biosecurity**

3.19.1 The Licence Holder must submit a Biosecurity Plan to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.19.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.19.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

#### **3.20 Written Scheme of Investigation (WSI)**

3.20.1 The Licence Holder must submit a WSI to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.20.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.20.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

#### **3.21 Protocol for Archaeological Discoveries (PAD)**

3.21.1 The Licence Holder must submit a PAD to the Licensing Authority for written approval at least **6 weeks** prior to

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commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.21.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.21.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

**3.22 Use of Concrete**

3.22.1 The Licence Holder must ensure that no waste concrete slurry or wash water from the use of concrete or cement are discharged into the marine environment. Concrete and cement mixing and washing areas should be contained and sited at least **10 metres** from any watercourse or surface water drain to minimise the risk of runoff entering a watercourse.

3.22.2 The Licence Holder must ensure materials used are suitable for use in the marine environment and works should be timed to ensure maximum concrete cure time.

**3.23 Piling**

3.23.1 The Licence Holder must ensure that vibro-piling is used when inserting piles where operationally possible. Where this isn't possible, percussive piling may be used.

3.23.2 The Licence Holder must ensure that if percussive piling is used, soft-start procedures are used to ensure incremental increase in pile power over a set time period until full operational power is achieved. The soft-start duration should be a period of no less than **20 minutes**. Should piling cease for a period greater than **10 minutes**, then the soft start procedure must be repeated.

3.23.3 The Licence Holder must ensure all precautionary recommendations outlined in the JNCC Statutory nature conservation agency protocol for minimising the risk of injury to marine mammals from piling noise August 2010 are implemented. Any proposed changes to the actions outlined in this document must be submitted to and approved in writing by the Licensing Authority prior to any changes being enacted.

**3.24 UK Marine Noise Registry**

3.24.1 The Licence Holder must complete an entry into the UK Marine Noise Registry detailing the proposed dates and locations and nature of the Percussive Piling at least **10 days** prior to its commencement.

3.24.2 The Licence Holder must amend the marine noise registry proposed activity form should the timing of the Percussive Piling alter or no longer remain part of the project.

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3.24.3 The Licence Holder must complete an entry into the Marine Noise Registry detailing the actual dates, location(s) and nature of the Percussive Piling every **6 months** following the commencement of Percussive Piling until the completion of Percussive Piling with the final entry to be completed within **8 weeks** of completion of the noisy activity.

**3.25 Sediment Sampling**

3.25.1 The Licence Holder must request a sediment sampling plan from the Licensing Authority by **30 May 2025, 30 May 2028 and 30 May 2031**.

3.25.2 The Licence Holder must ensure that the sampling is undertaken in accordance with the sampling plan described in condition 3.25.1 and is analysed at an NRW approved laboratory.

3.25.3 The Licence Holder must submit the written results of the sediment sampling undertaken pursuant to condition 3.25.2 for written approval by the Licensing Authority within **2 months** of sampling taking place. This must include an outline of an assessment of alternative uses for the sediment that is to be disposed.

3.25.4 The Licence Holder must ensure no dredging is carried out after the following dates without written approval from the Licensing Authority: **30 November 2025, 30 November 2028 and 30 November 2031**.

**3.26 Log of Operations**

3.24.1 The Licence Holder must ensure that the Master or the Officer of the Watch of each vessel, as referred to in condition 3.2 of this Licence, undertaking the deposit of any substances or articles specified in Table 2 of this Schedule, shall maintain a written log of operations recording the following information:

- the name of the vessel;
- the quantity and type of each substance or article loaded for deposit;
- the date and time of departure from the port or site at which the substances or articles are loaded for deposit in the sea and time of arrival (and date if different) at the Deposit Area on each occasion that it proceeds to and from such area;
- latitude and longitude position (in degrees and minutes and decimal of a minute to at least one decimal place) of the deposit within the Deposit Area.

**3.27 Record of Quantity of Deposited Material**

3.27.1 The Licence Holder must keep a log detailing the time, date, location and quantity of material deposited at sea. This log must be available for inspection by appropriately authorised officers of the Licensing Authority and Marine Enforcement Officers

**3.28 Deposit Limits**

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- 3.28.1 The Licence Holder must ensure that the combined quantity of material deposited at the Permitted Deposit Locations does not exceed 24,000 tonnes (12,000m<sup>3</sup>) in any 24-hour period.
- 3.28.2 The Licence Holder must ensure that no more than 150,000 Tonnes / 75,000m<sup>3</sup>, (whichever is lower), of maintenance dredged material is removed from the estuary per calendar year.
- 3.28.3 The Licence Holder must ensure that Mostyn Deep disposal site (IS102), is divided into 25 metre by 75 metre cells. The placement of material within these cells must follow a randomised sequence, excluding the perimeter cells designed to provide a safety margin. Each cell must initially only receive one 400 cubic metre load of dredged material; thereafter the sequence may then be repeated on a rolling basis.

**3.29 Returns**

- 3.29.1 Certified returns of quantities of substances or articles deposited under this Licence (Activity 5) are required to be submitted by **31 June** and **31 January** each year. The returns must specify the full Licence number and amount deposited (tonnage) each calendar month at each authorised Deposit Area. Where no deposit is made in a given period a NIL return is required.
- 3.29.2 If this Licence expires during the course of the calendar year and is not superseded by a further Licence relating to the Licenced Activities, a certified return of quantities of substances or articles deposited under this Licence shall be submitted not later than **28 working days** after the Licence End Date.

**3.30 Monitoring**

- 3.30.1 The Licence Holder must submit a Monitoring Plan to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.
- 3.30.2 The Licence Holder must ensure that any actions outlined in the Monitoring Plan detailed in condition 3.30.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.
- 3.30.3 The Licence Holder must submit environmental monitoring reports for approval to the Licensing Authority in accordance with the timetable approved within the Monitoring Plan.

**3.31 Compensation Plan**

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3.31.1 The Licence Holder must submit a Compensation Plan to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. The Compensation Plan must be in accordance with the ABPmer Report (R4606: Information to support Derogation September 2024). No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.31.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.31 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

**3.32 Compensation Monitoring**

3.32.1 The Licence Holder must submit a Compensation Monitoring Plan to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.32.2 The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.32.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.32.3 The Licence Holder must submit compensation monitoring reports for approval to the Licensing Authority in accordance with the timetable approved within the Compensation Monitoring Plan.

**3.33 Commencement of Licenced Activities 1-3**

The Licence Holder must notify the Licensing Authority on completion of Licenced Activity 4, (implementation of compensatory measures). No Licensed Activities relating to Licensed Activity 1-3 may be undertaken prior to written approval from the Licensing Authority.

#### 4 INTERPRETATION

In this Licence terms are as defined in section 115 of the Marine and Coastal Access Act unless otherwise stated.

- (a) **“2009 Act”** means the Marine and Coastal Access Act 2009;
- (b) **“Approved Application”** means the Marine Licence Application Form together with the Approved Supporting Documents;
- (c) **“Approved Supporting Documents”** means the documents supporting, or supplementary to, the Approved Application, submitted prior to the Licence Issue Date, listed in the Table at paragraph 2.3 above;
- (d) **“Commencement”** means the first undertaking of any Licensed Activities;
- (e) **“Force majeure”** may be deemed to apply when, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the substances or articles because the safety of human life and/or of the vessel is threatened;
- (f) **“Licensed Activities”** means the activities authorised by this licence as specified in 2.1;
- (g) **“Licensed Area”** means the area within which Licensed Activities are authorised by this licence as specified in section 2.2;
- (h) **“Licence Holder”** means the person(s) or organisation(s) named in section 1.2 to whom this licence is granted;
- (i) **“Licence Period”** means the period beginning with the Licence Start Date and ending on the Licence End Date;
- (j) **“Licensing Authority”** means Natural Resources Wales acting on behalf of the Welsh Ministers;
- (k) **“Marine Enforcement Officers”** means the relevant officers appointed by Welsh Ministers under section 235 of the 2009 Act, contact details for whom are provided in section 5;
- (l) **“Marine Licence Application Form”** means the application form forming part of the application referred to in paragraph 1.1;
- (m) **“Method Statement”** means the Method Statement(s) forming part of the Approved Application or Approved Supporting Documents;

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- (n) **“Works”** means any construction activities comprised in the Licensed Activities and, where the context permits, includes any plant, equipment or materials used to carry out those activities or operations but excludes monitoring, minor routine maintenance or other ongoing operational activities following completion of any construction activities;
- (o) all times shall be taken to be the time in Greenwich Mean Time (GMT) on any given day;
- (p) all co-ordinates shall be taken to be latitude and longitude decimal degree (WGS 84)
- (q) in the event of any discrepancy between the coordinates listed in paragraph 2.2 and the plan attached at Appendix 1, the coordinates shall take precedence.

## **5 CONTACTS**

**Except where otherwise indicated, the primary point of contact with the Licensing Authority and the address for returns, correspondence and requests for variations of the licence is:**

Marine Licensing Team  
Natural Resources Wales  
Permitting Service  
29 Newport Road  
Cambria House  
Cardiff  
CF24 0TP

Tel: 0300 065 3000

Email: [marinelicensing@naturalresourceswales.gov.uk](mailto:marinelicensing@naturalresourceswales.gov.uk)

**Welsh Government Marine Enforcement Officers may be contacted at:**

Welsh Government  
Suite 3  
Cedar Court  
Haven's Head Business Park  
Milford Haven Pembrokeshire  
SA73 3LS

Tel: 03000253500

Email: [wfmccmpc@gov.wales](mailto:wfmccmpc@gov.wales)

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**Appendix 1 – Co-ordinates - Licenced Activity 2 - Reclamation Area bounded by the co-ordinates detailed below;**

<b>Latitude</b>	<b>Longitude</b>
53.32522171	-3.260508469
53.32303174	-3.261911530
53.32295020	-3.262325283
53.32299186	-3.262669483
53.32308642	-3.262719403
53.32303786	-3.263145858
53.32304301	-3.263168531
53.32343285	-3.263705517
53.32366174	-3.263991533
53.32374741	-3.264051115
53.32382736	-3.264056479
53.32390174	-3.264030282
53.32398075	-3.264002455
53.32408136	-3.263924351
53.32417546	-3.263810477
53.32433575	-3.263585038
53.32443193	-3.263424157
53.32450597	-3.263300290
53.32461100	-3.263144240
53.32460659	-3.263136603
53.32462016	-3.263120022
53.32462557	-3.263126653
53.32471586	-3.263008809
53.32485884	-3.262814121
53.32490281	-3.262751971
53.32496768	-3.262653289
53.32501620	-3.262570641
53.32515419	-3.262272922
53.32522032	-3.262055662
53.32512625	-3.262025863
53.32512913	-3.262006179
53.32522417	-3.262031753
53.32525710	-3.261807508
53.32516691	-3.261750798
53.32516985	-3.261728363
53.32526002	-3.261786574
53.32533705	-3.261387960
53.32540631	-3.261214332
53.32542608	-3.261184418
53.32545505	-3.261140589
53.32546569	-3.261124493
53.32555050	-3.261009879
53.32561584	-3.260951746
53.32563630	-3.260947748
53.32289166	-3.262622300

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**Appendix 2 – Co-ordinates - Licenced Activity 4 – Compensatory Measures bounded by the co-ordinates detailed below;**

Mostyn Scrape Back Site

Latitude	Longitude
53.32233995	-3.268665906
53.32228011	-3.268721505
53.32229116	-3.268800285
53.32229032	-3.268879706
53.32226389	-3.268960354
53.32222366	-3.269053504
53.32219934	-3.269170808
53.32218149	-3.269283490
53.32212288	-3.269415965
53.32205242	-3.269499281
53.32198104	-3.269557741
53.32187666	-3.269644020
53.32172772	-3.269782603
53.32161944	-3.269900544
53.32148413	-3.270099114
53.32132827	-3.270328850
53.32124706	-3.270473411
53.32117136	-3.270657857
53.32111289	-3.270963760
53.32106041	-3.271371395
53.32099442	-3.271760694
53.32094458	-3.271973711
53.32085389	-3.272225235
53.32075049	-3.272442616
53.32067857	-3.272607309
53.32061244	-3.272786076
53.32056118	-3.273020893
53.32056178	-3.273187741
53.32058872	-3.273313203
53.32067514	-3.273252468
53.32078214	-3.273191752
53.32076845	-3.273048347
53.32083435	-3.272790294
53.32095845	-3.272539203
53.32109472	-3.272250901
53.32113212	-3.272134436
53.32117532	-3.272008610
53.32120517	-3.271885564
53.32122681	-3.271752740
53.32124198	-3.271667789
53.32128189	-3.271494198

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53.32129751	-3.271256330
53.32131561	-3.270986359
53.32137263	-3.270813275
53.32165549	-3.270338648
53.32184896	-3.270071661
53.32204518	-3.269870926
53.32225689	-3.269645224
53.32234492	-3.269419030
53.32242181	-3.269167083
53.32246725	-3.269009537
53.32248296	-3.268784377
53.32245976	-3.268640684
53.32244464	-3.268563439
53.32212892	-3.267390520
53.32240043	-3.267087132
53.32279516	-3.266647557
53.32312502	-3.266225125
53.32343204	-3.265802011
53.32370830	-3.265409759
53.32383943	-3.265245206
53.32405391	-3.264936926
53.32427957	-3.264601389
53.32456730	-3.264203106
53.32445513	-3.263876395
53.32360987	-3.265084870
53.32316681	-3.265708149
53.32265957	-3.266327928
53.32230362	-3.266788944
53.32198399	-3.267099252

**Warwick Foreshore Remedial**

Latitude	Longitude
53.31638972	-3.259627706
53.31614676	-3.259610760
53.31585665	-3.259379811
53.31576381	-3.259162610
53.31549139	-3.258832894
53.31526990	-3.258635743
53.31497946	-3.258436568
53.31483359	-3.258285332
53.31466924	-3.258062410
53.31454307	-3.257867724
53.31414840	-3.256931105
53.31396877	-3.256393306
53.31376930	-3.255910873
53.31366937	-3.255463135

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53.31370574	-3.254924422
53.31373140	-3.254520082
53.31353381	-3.254311748
53.31345321	-3.254738305
53.31344560	-3.255687264
53.31352797	-3.256221857
53.31396554	-3.257581038
53.31415087	-3.257824774
53.31432700	-3.258262847
53.31477024	-3.258879210
53.31500128	-3.259072668
53.31519771	-3.259165821
53.31535196	-3.259198159
53.31551673	-3.259361870
53.31564293	-3.259798495
53.31596744	-3.260149609
53.31636612	-3.260213318

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**Appendix 3 – Co-ordinates – Dredge Zone 4 - maintenance dredging of the main navigation channel within Zone 4 bounded by the co-ordinates detailed below;**

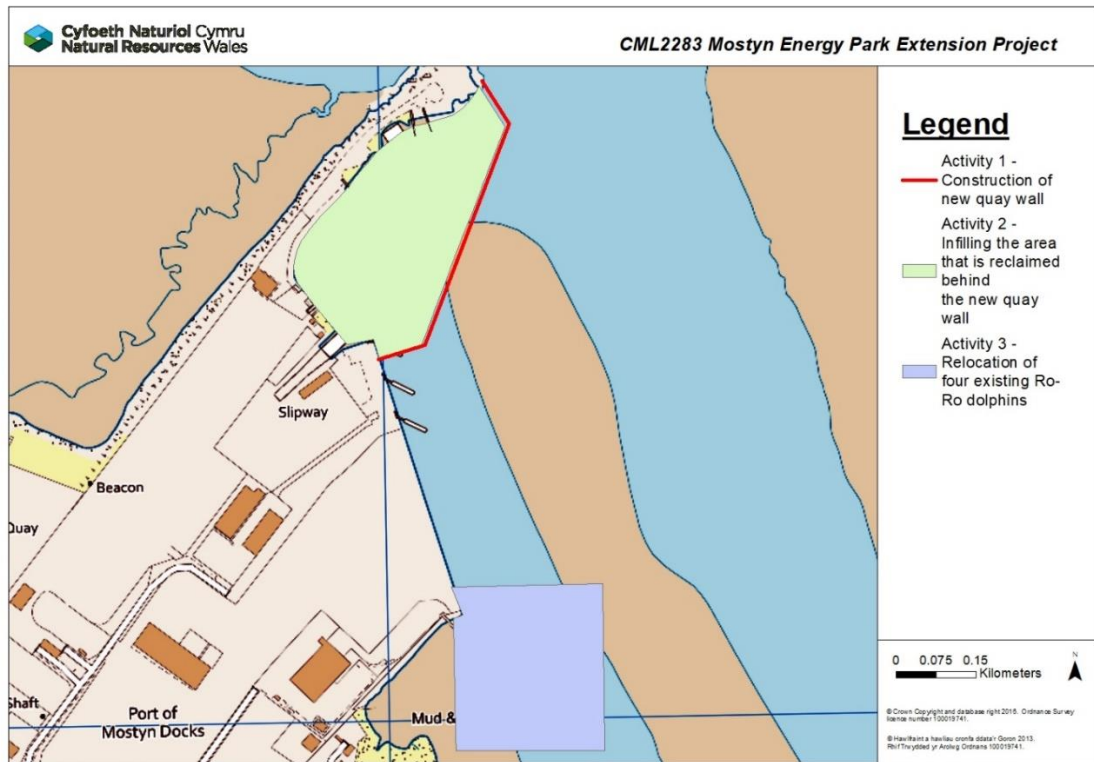
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53.31816132	-3.259475669
53.31822358	-3.259539050
53.31823993	-3.259692653
53.31825332	-3.259871689
53.31828508	-3.260013736
53.31832408	-3.260151493
53.31834810	-3.260260286
53.31837540	-3.260445686
53.31955639	-3.262645238
53.31973616	-3.262374372
53.32002878	-3.261905602
53.32026517	-3.261483209
53.32032463	-3.261216234
53.32143822	-3.261828549
53.32235370	-3.262322966
53.32277001	-3.262547923
53.32308642	-3.262719403
53.32303785	-3.263145858
53.32304301	-3.263168531
53.32312920	-3.263287253
53.32327292	-3.263485226
53.32343285	-3.263705517
53.32349725	-3.263735945
53.32371633	-3.263421117
53.32384204	-3.263264179
53.32386664	-3.263233376
53.32387929	-3.263142164
53.32393600	-3.263050751
53.32398732	-3.263127336
53.32393945	-3.263234023
53.32389141	-3.263271641
53.32385195	-3.263432627
53.32363742	-3.263911241
53.32366174	-3.263991533
53.32374741	-3.264051115
53.32382736	-3.264056479
53.32398075	-3.264002455
53.32408136	-3.263924351

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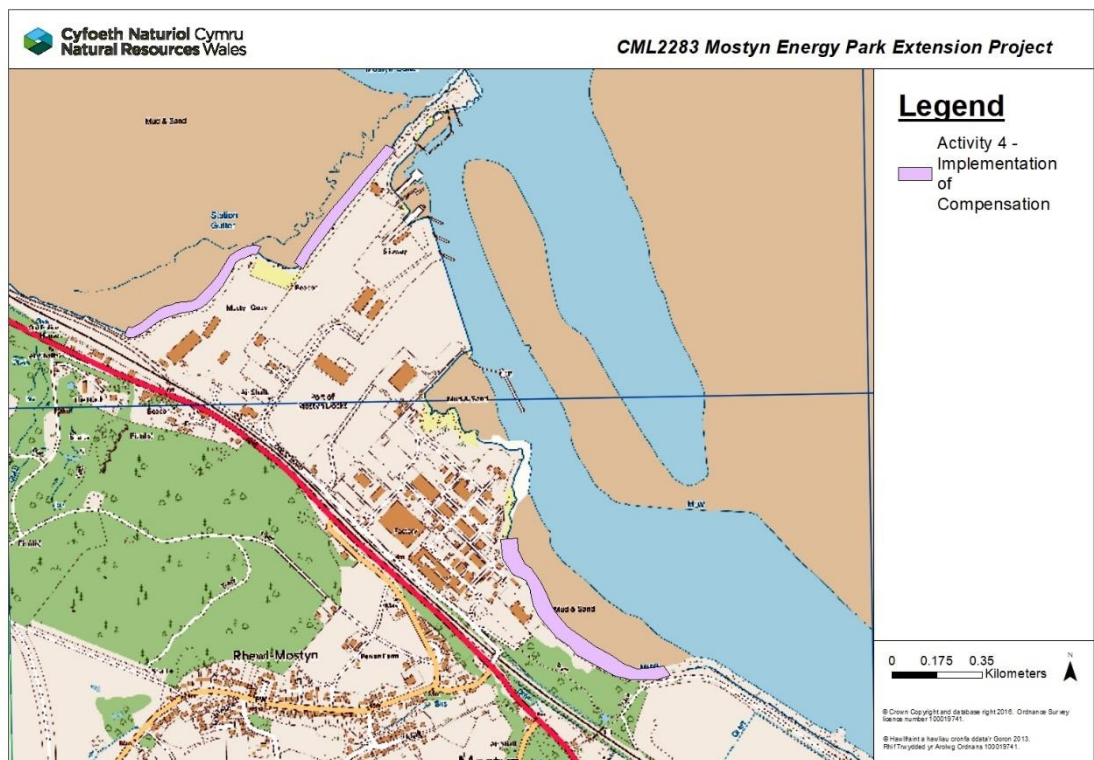
53.32420611	-3.263773390
53.32433575	-3.263585038
53.32450597	-3.263300290
53.32461100	-3.263144240
53.32460659	-3.263136603
53.32462016	-3.263120022
53.32462557	-3.263126653
53.32478418	-3.262919633
53.32490281	-3.262751971
53.32496768	-3.262653289
53.32501620	-3.262570641
53.32509826	-3.262393595
53.32515419	-3.262272922
53.32522032	-3.262055662
53.32512624	-3.262025863
53.32512913	-3.262006179
53.32522417	-3.262031753
53.32525710	-3.261807508
53.32516691	-3.261750798
53.32516984	-3.261728363
53.32526002	-3.261786574
53.32533705	-3.261387960
53.32540631	-3.261214332
53.32546569	-3.261124493
53.32555050	-3.261009879
53.32561584	-3.260951746
53.32568970	-3.260937406
53.32578015	-3.260970100
53.32587472	-3.261037449
53.32595624	-3.261149457
53.32603276	-3.261309366
53.32609002	-3.261419159
53.32612653	-3.261537350
53.32610822	-3.261653925
53.32606612	-3.261724754
53.32588680	-3.261935678
53.32576551	-3.262098764
53.32566690	-3.262242999
53.32555760	-3.262377909
53.32546202	-3.262490702
53.32543447	-3.262545442
53.32537021	-3.262683498
53.31935849	-3.270644139
53.32137238	-3.275357399
53.32418116	-3.271260603
53.32957185	-3.281306643

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### Appendix 4 – Map of Licensed Activities 1-3



### Appendix 5 – Map of Licensed Activity 4



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## Appendix 6 – Maps of Dredge Zones 1-4

