

Application for a Band 1 Marine Licence

Project description

Project name

Mostyn Harbour - Drilling of 8 Boreholes

Please provide a brief description of the proposed project, including location.

Drilling of 8 boreholes to depths between -10m C.D. and - 30m C.D. for sediment analysis in connection the proposed construction of a new 350m quay wall within the Mostyn Statutory Harbour Area for inclusion in the Environmental Impact Assessment to support the main construction works application.

Applicant details

To whom the licence will be issued. This must be a legal entity such as an individual, registered company/ charity or public body.

Title	Mr
Full name	Jim O'Toole
Company or trading name	The Port of Mostyn Ltd
Company Registration Number (if applicable)	2804520
Name of contact or individual (if different)	As Above
Position in company	Managing Director
Address (provide registered company address if applicable)	Coast Road Mostyn Flintshire
Postcode	CH8 9HE
Telephone number	01745 560 335
Email address	jim.otoole@portofmostyn.com

Details of agent, contractor, vehicles and/or vessels used to carry out works

Agent details

This is who we will correspond with unless otherwise informed. If no agent is identified we will contact the applicant.

Title	N/A
Full name	-
Company or trading name	-
Company Registration Number (if applicable)	-
Name of contact or individual (if different)	-
Position in company	-
Address (provide registered company address if applicable)	-
	-
	-
Postcode	-
Telephone number	-
Email address	-

Does the applicant wish to be included in all correspondence?

Yes

Will the works require the use of vessels?

Yes

Will the works require the use of any vehicles?

No

Proposed project details

Licensable period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the requested licence expiry date you may be required to submit a new application. Including a contingency period within your original application does not impact on the licence fee.

Start date (DD/MM/YYYY) 14.07.2022.

Requested licence expiry date (DD/MM/YYYY) 13.07.2023

Please detail the location of the proposed project.

This should be either Ordnance Survey National Grid Reference (i.e. SN 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long -4.1234), defining the extent of the project. Please specify which coordinate system has been used and if using GIS co-ordinates, specify which projection has been used.

Mostyn Statutory Harbour Area, Dee Estuary, North Wales.

Grid Reference: SJ 16037 81526

Method statement

Are the works within a sensitive area or one of the following activities: boreholes, replacement piles or beach management?

Yes

Band 1 method statement template

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

Application is for borehole operations at 8 locations within Mostyn Harbour as shown on the attached chart. The boreholes information is required to support an application for a Marine Works consent for berth extension works within Mostyn harbour and will be undertaken at the following coordinates:

Eastings & Northings (X & Y's) U.K. National Grid - GEOID OSGM02

- 1) 316145. 27 381113. 46
- 2) 316112. 16 381197. 84
- 3) 316085. 46 381274. 74
- 4) 316058. 75 381353. 78
- 5) 316040. 60 381412. 53
- 6) 316065. 16 381477. 68
- 7) 316106. 50 381604. 44
- 8) 316135. 63 381699. 74

Scope of works

Please provide a full description of all proposed works including: Sequence of works (mobilisation, marine works, site remediation (if required)) Estimated timing of works (duration, working hours, day/night, plus contingency) Plant, machinery or vessel required Estimated quantities (removals, deposits, construction materials)

The works entail drilling 8 number boreholes at the locations shown in the locations page included in the application.

The borehole operations will be carried out using a small (17m X 24m) jack-up platform "Haven Seariser 1" that will be delivered to and assembled on the quay adjacent to the borehole locations.

The plant and machinery to be used is described in the attached Method Statement.

It is estimated each of the 4 shallow boreholes (marked yellow on the plan) will require about 12 hours to complete and the 4 deeper holes (marked red on the plan) 2 days each working 12 hours per day during daylight. A time allowance of 25% has been made for weather downtime.

On completion of a borehole the jack-up barge will be moved to the next location using mooring ropes and workboat assistance.

It is estimated the total volume of material to be removed for analysis will be 5 cubic metres. The shallow boreholes will be left to naturally infill, the deeper holes will be infilled with bentonite.

Access and working areas

Please provide details of access to the site and working areas. This should include: Attached map of the access/egress route and working areas (annotated aerial image and/or OS map) Predicted plant/vehicle movements Storage areas for plant, equipment and materials (if required) Risks to navigation

The Haven Seariser 1 and drilling equipment will be transported to the quay at Port of Mostyn by 4 HGV movements where it will be assembled and the drilling equipment loaded and secured on board. There will also be approximately 10 car movements per day by personnel engaged in the operations.

An area of quay of about 30m X 20m will be used to store surplus equipment and a 2.5m X 6m temporary site office, please see attached site plan.

The applicant is the Statutory Harbour Authority and the Pilotage Authority for the borehole locations; to ensure safety of navigation the Harbourmaster will review the port's Safety Management System and will issue Notices to Mariners to advise port and other estuary users of the borehole operations. Copy correspondence to MCA and Trinity House notifying intention to carry out borehole works.

The jack-up platform is non-propelled and will be manoeuvred between the quay and the various borehole positions by a workboat and will display appropriate signals and lighting when operating. The jack-up will be moored at the quay when not operating.

Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include: Pollution prevention and control procedure (guidance available on the NetRegs website) Spill response kits Minimise plant traffic Designated access and egress routes Storage of materials (fuel, chemicals, construction waste) Biosecurity (guidance available at <http://www.snh.gov.uk/docs/A1294630.pdf>)

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1. All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works. Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Plant, vehicles and machinery will not be refuelled on the foreshore. Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice. All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment. In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

The environmental mitigation measures to be employed are set out in the attached document Appendix G.

Additional information

Please list any additional information that may help with the application:
Consents/permissions required List of plans or drawings attached to method statement
Emergency procedures Contact details

The borehole positions are within the jurisdiction of the applicant's Statutory Harbour Area therefore harbour authority permission is not required. The seabed is owned by the applicant therefore Crown Estate permission is also not required.

A list of relevant plans is contained in the Method statement.

The emergency procedures are contained in the attached Risk Assessment document.

Contacts;

Jim O'Toole, Managing Director, email: jim.otoole@portofmostyn.com Mob: 07836 739 363

Capt. Rob Jackson, Harbourmaster, email: harbourmaster@portofmostyn.com; Mob: 07768 668 725

Materials of the project

Description of materials to be deposited seaward of Mean High Water Springs (MHWS)
(Please tick all that apply)

Other (please provide a description of materials):
Bentonite will be used to infill the 4 deep boreholes.

Delivery method of materials to site

If sea delivery, details of vessels to be used with a chart of proposed route and transshipment area is required. If delivery is by vehicle, the details about the proposed access route are required. Please indicate if you are providing details in a separate file.

N/A

Will the works involve removals seaward of MHWS?

Yes

Description of materials to be removed seaward of MHWS (Please tick all that apply)

Silt

Stone/rock

Gravel

Sand

Description of objects/materials to be removed seaward of MHWS, including quantities to be removed.

Sediment derived from boreholes will be silty sand, gravel and clay and rock, total quantity to be removed will be in the order of 5 cubic metres.

Additional information

Please provide the following:

You must include a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project complete with north arrow and scale

You must include details of correspondence with MCA, Trinity House and The Crown Estate

You must include any pre application advice/correspondence with NRW

Correspondence with RCAHMMW (B1 removals only)

Please upload these below

- File: Borehole Risk Assesments.pdf - [Download](#)
- File: Borehole Method Statements.pdf - [Download](#)
- File: Port of Mostyn Site Access Plan.pdf - [Download](#)
- File: Borehole Locations.pdf - [Download](#)
- File: Appendix G - Borehole Environmental Management Plan.pdf - [Download](#)
- File: Correspondance with MCA.pdf - [Download](#)
- File: Correspondance with Trinity House.pdf - [Download](#)
- File: RCAHMW License.pdf - [Download](#)
- File: RCAHMW - Wrecks Search History.pdf - [Download](#)

Please list below all supporting documents that have been submitted with this application.

- 1) Site access plan
- 2) Borehole locations plan
- 3) Borehole Method Statement
- 4) Borehole Risk Assessment
- 5) Appendix G - Environmental Management Plan
- 6) Correspondence with MCA
- 7) Correspondence with Trinity House
- 8) RCAHMW License
- 9) RCAHMW Wrecks Search History

Statutory powers

Does the applicant have statutory powers to consent any aspect of the project? e.g. coast protection authority, dredging powers, statutory undertakers

Yes

If yes, please give details and state the relevant legislation that gives these powers.

The applicant is a statutory undertaker - Mostyn Docks Harbour Empowerment Order 1988.

Public register

Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

	Yes	No
Would be contrary to the interest of National Security?		X
Would prejudice to an unreasonable degree you, or some other person's commercial interest or those of a third party?		X

Application fee

Please provide the method of payment

BACS

Reference number (not BACS remittance no.)

PRCAPTHEPO175

Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information. This could invalidate any licence granted.

Name	Jim O'Toole
Date	17.05.2022
Position in company	Managing Director

If you would like a copy of your completed form, please add your preferred email address below:

jim.otoole@portofmostyn.com