

# Deposit of Solid Waste (e.g. Dredged Material) in the Territorial Sea and Controlled Waters Adjacent to Northern Ireland

## Marine Licensing

**Important:** before completing this form, please read these notes carefully.

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Marine Licensing Guidance document. However it may be that these notes do not fully cover all the questions that you may have. If further clarification is needed please telephone us on

02890 823583 or email

[MarineLicensingTeam@doeni.gov.uk](mailto:MarineLicensingTeam@doeni.gov.uk)

For fees categories please see Marine Licensing Fees Addendum

For further Guidance please refer to Marine Licensing Guidance for Applicants

## EXPLANATORY NOTES

### 2. Applicant

The person, company or organisation making the application. (The licensee will be the contractor actually carrying out the disposal activity).

### 3. Agent

Any person, company or organisation involved in the operations. For example, they may be engaged to act under contract or other agreement on behalf of any party listed in the answer to questions 2-4 and having responsibility for the control, management or deposit anywhere below the tidal limit of mean high water springs (MHWS). (e.g. a consultant submitting the application.)

### 4. Details of Current/Previous Licence

Enter the appropriate details for the current sea disposal licence. If you have previously held a licence in respect of this operation, but no current licence exists, please provide the details for the most recently expired licence. If you have no knowledge of any previous licence, please enter "not applicable" (or "N/A").

### 5. Duration of Sea Disposal Operation

Details of the proposed commencement and completion dates of the operation should be included. A licence will normally be valid for 12 months.

### 6. Details of Disposal Vessel(s)

The name, operator and type of vessel being used for the disposal operation should be entered. If vessel details are not available at the time of application, please indicate this on the form as these details will be included within a licence.

### 7. Method Statement

Please include a full method statement of the disposal operation. This should include details of proposed frequency of disposal trips per day, average estimated time from dredge site to licensed sea disposal site.

### 8. Description of Material for Sea Disposal

The applicant should indicate the following:

- Amount of material to be disposed of in metric tonnes. A conversion factor of 1.4 tonnes/m<sup>3</sup> should be used for maintenance dredge and capital dredge material.

- Type of Material: whether the material is considered to be 'capital' or 'maintenance'
  - Capital: material from an area to be dredged down to a level not previously dredged during the preceding 10 years.
  - Maintenance: unconsolidated material which has been removed to maintain existing charted depths for navigational purposes.
- Nature of Material. Please provide a description of where the dredge material has originated, e.g. river bed, sea, harbour, approach channel, estuary.
- Description of where the dredged material has originated (Lat/Long, depth of material removed, date last dredged)

## **9. Chemical Analysis of Material to be Disposed of at Sea**

Please indicate whether material from the localised area has been chemically analysed within the past 3 years, if yes provide details (locations, dates and laboratory that carried out the analysis). Please provide results on separate sheets. Please note that any delay in providing analysis results is liable to extend the time required to consider your application.

If the material has not been chemically analysed within the previous 3 years, contact should be made with DoE Marine Division. Marine Division will provide details of number of samples to be lifted, sample points and depth of samples. Analysis requirements attached as Appendix I.

## **10. Construction/Land Reclamation Projects**

Please indicate in the answer to this question if the deposit of dredgings is associated with any other project involving the placement of material in the sea (e.g. beach nourishment, marine/harbour construction operations, land reclamation, installation of outfalls etc.) If this is the case, please indicate if a separate Marine Construction/Land Reclamation/Beach Replenishment licence application has been made.

## **11. Best Practicable Environmental Option (BPEO)**

Please give a very brief summary of the conclusions drawn in the BPEO assessment. Please note that sea disposal licence applications will not be considered unless they are accompanied by such an assessment. All options in the BPEO should be explored fully (as per the guidance document), otherwise your application form and BPEO may be returned to you thereby delaying the processing of the application. See Appendix II for BPEO Assessment and guidance.

## **12. Consultation with Conservation Bodies**

Consenting authorities have a duty to ensure that any operations will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. Areas of Special Scientific Interest (ASSIs)/Special Area of Conservation (SAC), Special Protection Area (SPA)/RAMSAR sites etc) listed under The Conservation (Natural Habitats, etc.) (Amendment) Regulations (Northern Ireland) 2007. If the applicant (particularly if they have statutory powers for consenting aspects of these works) has already been in consultation with the appropriate nature conservation body – NIEA, Natural Heritage Directorate, please supply any response that they may have given.

## **13. Designated Conservation Areas**

Indicate whether the proposed works are located within or close to the boundaries of a conservation area such as an ASSI, SAC, SPA or Ramsar Site.

## **14. Statutory Consenting Powers**

Please describe in the answer to this question what (if any) statutory responsibilities you (or your client) have to consent any aspect of the sea disposal operations. This is particularly likely to apply to harbour or local authorities.

## **15. Environmental Assessment**

Please indicate whether any environmental assessment has been carried out in respect of the proposed sea disposal operations, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the box provided.

Additionally please also give detail regarding if and where a copy has been made/is being made available for public inspection.

## **16. Sea Disposal Site**

The details of the licensed sea disposal site to be used will be communicated to the licensee by DoE Marine Division in the sea disposal licence.

Should you wish to establish a new site, please provide details in a covering letter with your application and DoE Marine Division will contact you to discuss your proposal before your application is determined. It must be noted that an application to open a new sea disposal site will not be considered unless sufficient need and reasoning are established for such. It will be preferable on all occasions that an open existing site is

used. The cost of any environmental investigations from baseline surveys to identify any new disposal site will normally be the responsibility of the applicant.

### **Other Considerations**

Please ensure that you have:

- Completed **all** appropriate sections of the application form
- Signed and dated the declaration
- Provided the relevant documentation, charts and continuation sheets and

Enclosed the correct payment (refer to fees addendum) or paid by means of BACS (if appropriate)

**Otherwise your application will be delayed or returned to you.**

## Marine and Coastal Access Act 2009 (Part 4 Marine Licensing)

### Application to deposit Solid Waste (e.g. Dredged Material) in the Territorial Sea and UK Controlled Waters Adjacent to Northern Ireland (e.g. from dredging operations.)

**It is the responsibility of the applicant to obtain any other consents or authorisations that may be required**

**Under Part 4 (Chapter 5) of the Marine and Coastal Access Act 2009, information contained within or provided in support of this application will be placed on the public register unless DoE Marine Division (as the licensing authority) approves the applicant's reasons for withholding all or part thereof.**

#### 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:

2. would be contrary to the interests of national security      **Yes**       **No**
3. would prejudice to an unreasonable degree your or some other person's commercial interests or those of a third party?      **Yes**       **No**

If **Yes**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

## 1. Project Title

Please give a brief identifiable description, including the location of the works.

Maintenance dredging of Warrenpoint Harbour area and its approaches to reinstate safe navigational and berthing depths in the period 2020-2022

## 2. Applicant Details

Title (e.g. Mr/Mrs  
Miss/Dr)

Mr

Initials

I

Surname

Taylor

Trading title (if appropriate)

Warrenpoint Harbour Authority

Address: (Inc Postcode)

Warrenpoint Harbour Authority  
The Docks  
Warrenpoint  
Co. Down  
BT34 3JR

Name of contact:  
(if different from above)

Telephone number:  
(inc. code)

+44 (0)28 4177 3381

Email address:

itaylor@warrenpointharbour.co.uk

Company Registration number

### 3. Agent Details (if appropriate)

Title (e.g. Mr/Mrs Miss/Dr)  Initials  Surname

Trading Title  
(If different from above)

Business Address:

Name of contact:  
(if different from above)

Position within company  
(if appropriate)

Telephone number:  
(inc. code)

Email address:

Company Registration No.

### 4. Details of Current/Previous Licence

Licence Reference Number

Expiry Date

Quantity (metric tonnes) deposited  
under current licence as at (date)



**5. Duration of Sea Disposal Operation**

When is the sea disposal operation proposed to commence?

01/01/2020

When is the sea disposal operation proposed to be completed?

31/12/2022

**6. Details of Disposal Vessel(s)**

Name of Vessel and Operator (if known)

TBC

Type of Vessel

(e.g. Bottom Doors/Split Hopper)

Unknown but will be through the bottom doors of a hopper vessel

**7. Method Statement for disposal operation**

Upon filling its hopper the disposal vessel will sail to the licensed disposal site and slow to approximately one to two knots.

The disposal vessel will then open bottom doors or split along its hull to allow the release of its contents over several minutes.

The sediments contained within the hopper will then either settle in the immediate area or be dispersed.

The dispersion characteristics will depend on the particle size distribution of the material being disposed of and the local currents at the time of disposal.

If necessary, please continue on a separate sheet and tick this box

## 8. Description of Material for Sea Disposal

Type of Material (delete as appropriate) Maintenance

Amount of Material to be deposited (metric tonnes) 805,000 tonnes over 3 years

Nature of Material i.e. River Bed,  
Sea Harbour, Approach Channel, Estuary ..... Harbour Berth and approaches.

Description of area from where dredge material has originated.....  
Highly Modified River Body within a harbour limits

### Co-ordinates (Lat/Long) or (IGR) Irish National Grid Coordinates

317291.1277, 315174.6756 314105.3726, 317902.6506  
314035.2604, 317802.3967 314118.7126, 317884.9151  
314033.6972, 317800.3172 314117.0946, 317882.9102  
314016.4265, 317808.9724 317362.7179, 315263.3943  
313942.9819, 317810.8994 317291.1277, 315174.6756  
313893.8692, 317834.3856 323684.1770, 310573.1240  
313858.6839, 317875.9276 323152.5900, 310739.5340  
313843.7207, 317928.2989 322789.0900, 311050.4120  
313537.1240, 318187.3840 322271.8360, 311480.9380  
313417.3167, 318347.8214 321958.4830, 312098.0120  
313449.2901, 318385.8053 321521.6630, 312523.4130  
313497.3281, 318366.2920 321060.2660, 312834.1130  
313523.1692, 318396.9907 321127.4260, 312926.8830  
313527.7920, 318395.7545 321596.7630, 312620.5070  
313562.2821, 318366.9226 322050.4940, 312163.5130  
313586.9275, 318368.4778 322326.6730, 311632.0950  
313595.0528, 318378.1687 322462.0800, 311476.5830  
313959.7006, 318070.3563 323113.7910, 310934.1430  
314041.5626, 318167.3195 323530.4730, 310738.1790  
314043.4824, 318165.7659 323716.4080, 310685.8540  
314068.3223, 318145.1529  
314072.5810, 318146.1160  
314124.6461, 318217.0182  
314137.7073, 318230.1316  
314151.6827, 318231.3522  
314184.0285, 318204.2560  
314190.2502, 318189.4674  
314116.0724, 318088.4530  
314072.3906, 318038.1950  
314067.4730, 318021.5907  
314086.0228, 318000.4709  
314099.8367, 317963.7551  
314102.0329, 317924.5903

Depth of Material Removed (m) .....Varies across the site.....

Date Last Dredged .....July 2019.....

**9. Chemical Analysis of Material**

Has the material to be disposed of at sea been chemically analysed in the previous 3 years? (delete as appropriate) **Yes\*\***

\*\* If Yes please provide the details below.

Location of sampling for analysis ...**Maps Included within BPEO**

Date analysis carried out ...**14/01/19**.....

Laboratory ...**Socotec**.....

*\*\*Please attach results to this application*

**10. Construction/Land Reclamation Projects**

Do you intend to apply for, or have applied for a marine construction licence as part of the works? (e.g. harbour works, land reclamation, installation of outfalls etc.)

**Yes**  **No**

If Yes, please indicate the location of the proposed works and a give a brief description below.

## 11. Best Practicable Environmental Option (BPEO)

After review it is deemed that disposal at sea, at the historic disposal site, is the most appropriate method for the disposal of material from the Port of Warrenpoint for the short term. This is primarily due to the current disposal site providing adequate performance logistically, economically and environmentally to the satisfaction of all of the stakeholders.

Despite the above finding, alternative options to disposal at sea, will continue to be investigated by the Port of Warrenpoint, with the goal of implementing the best social, economic and environmental dredge material management process possible.

A full BPEO assessment is attached.

## 12. Consultation with Conservation Bodies

Please provide details of any consultation that has taken place with Natural Heritage (NH) of NIEA, and if appropriate include copies of any correspondence with your application.

No consultation has been undertaken to date as this is an existing activity.

## 13. Designated Conservation Areas

Are any parts of the sea disposal operations located within the boundaries of a designated conservation area?

Yes  No

If **No**, and the boundary of the nearest such site is within 5kilometres, please indicate approximate distance of the disposal operation from this boundary.

- kms

#### 14. Statutory Consenting Powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this project?

Yes  No

If **Yes**, please give details

Harbour Act gives rights to dredge but not place at the licensed offshore disposal site.

#### 15. Environmental Assessment

Has an environmental assessment been undertaken to support any application in respect of the works, your own statutory powers (if applicable) or any other reason? Yes  No

If **Yes**, is a copy of the assessment included with this application? Yes  No

If the assessment has been undertaken but has not been included with the application, please provide an explanation below.

The environmental assessment constitutes an Appropriate Assessment Screening Process to Test for Likely Significance with regard to the locally protected Natura 2000 sites.  
  
A MCZ Assessment has also been undertaken

Is the environmental assessment available for public inspection? Yes  No

If **Yes** at what locations:

Warrenpoint Harbour Authority  
The Docks  
Warrenpoint  
Co. Down  
BT34 3JR

## 16. Sea Disposal Site

If you wish to establish a new sea disposal site please indicate here, and Marine Licence will contact you. Otherwise you will be informed of which site should be used and its coordinates.

I wish to establish a new sea disposal site      **Yes**            **No**     

### Declaration

I declare that the information given in this form and related papers is to the best of my knowledge and belief true.

**WARNING**  
**It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.**

Signature of applicant:  
(or agent acting on behalf of applicant)



Date:

31/07/19

Name (Block Letters):

COLM SHEEHAN

Position within company:  
(if applicable)

Partner

**PLEASE CHECK CAREFULLY THE INFORMATION YOU HAVE GIVEN AND THAT ALL ENCLOSURES (INCLUDING COPIES) HAVE BEEN INCLUDED**