

Dredging 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

028 90569247 or email

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

1. Project Title

Enter the name and/or co-ordinates of the proposed dredging site, Please state co-ordinates in degrees and minutes to one decimal point of a minute, or Irish Grid Reference System (IGR) any distances at sea should be in nautical miles, and on land should be in miles. An admiralty chart may be provided with annotations.

2. Applicant

The person, company or organisation making the application. (The licensee will be the contractor actually carrying out the dredging 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, or management of the dredging 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 any current dredging 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 Dredging 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 Operation

If the dredged material in this application is to be disposed of at sea, a Marine Sea Disposal licence will be required. Please indicate if a sea disposal licence has been applied for, and the associated licence application number if available.

7. Method Statement

Please include a full method statement of the dredging operation. This should include details of proposed timings of dredging operations, full bathymetric information (existing and proposed dredge levels), method of dredging (i.e. backhoe, grab, floating plant, causeway). Also information on how the material will be removed from the dredge site will need to be included in the application.

8. Description of proposed dredged material.

The applicant should indicate the following:

- Amount of material to be dredged in metric tonnes. A conversion factor of 1.4 tonnes/m³ should be used for maintenance dredging and 1.6 tonnes/m³ for capital dredging.
- 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.

9. Chemical Analysis of Dredged Material

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 dredging operation is to be 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. 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.

12. 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.

13. 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.

14. Environmental Assessment

Please indicate whether any environmental assessment has been carried out in respect of the proposed dredging operation, 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.

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 dredge in the Territorial Sea and UK Controlled Waters Adjacent to Northern Ireland

(e.g. Capital or Maintenance Dredging)

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 proposed dredging works.

Project Title: Impounded River Lagan Maintenance Dredging and Disposal – Department for Communities (DfC)

Project Description: The DfC are the navigation authority for this 4.8 km stretch of the River Lagan between Stranmillis Weir and the Harbour Commissioners limit on the downstream side of the Lagan Weir, and are responsible for operation of Lagan Weir.

DfC are applying for this draft dredge licence in order to dredge approximately 55,235m³ of material (77,329 tonnes) of material to be dredged which would include:

- Removal of all material built up above -1.2m AOD with 2m wide side slopes (1:5 slope);
- Complete incised channel reinstatement (-2.5m AOD x 10m wide) along the length of the Impoundment; and
- Removal of material built up in front of the penstocks (-5.9m AOD x approximately 15m).

As this is a draft licence application, exact timing and methods of the dredge are also unknown. Indicative details have been provided where possible, however, please note that there may be changes to these once a dredge contractor is appointed to carry out the works. At that stage, it is anticipated that the contractor will liaise with DAERA Marine Licensing team to update the draft licence to a full licence.

2. Applicant Details

Title (e.g. Mr/Mrs Miss/Dr)	<input type="text" value="Mr"/>	Initials	<input type="text" value="P"/>	Surname	<input type="text" value="Gallagher"/>
Trading title (if appropriate)	<input type="text" value="Department for Communities"/>				
Address: (Inc Postcode)	<input type="text" value="Lagan Weir
1 Donegall Quay
Belfast
BT1 3EA"/>				
Name of contact: (if different from above)	<input type="text" value="N/A"/>				
Telephone number: (inc. code)	<input type="text" value="02890315304"/>				
Email address:	<input type="text" value="peter.gallagher@communities-ni.gov.uk"/>				
Company Registration number	<input type="text" value="N/A"/>				

3. Agent Details (if appropriate)

Title (e.g. Mr/Mrs Miss/Dr)	<input type="text" value="Mr"/>	Initials	<input type="text" value="M"/>	Surname	<input type="text" value="McLarnon"/>
Trading Title (If different from above)	<input type="text" value="Atkins Ltd."/>				
Business Address:	<input type="text" value="71 Old Channel Road
Belfast
BT3 9DE"/>				

Name of contact:
(if different from above)

N/A

Position within company
(if appropriate)

Principal Environmental Scientist

Telephone number:
(inc. code)

028 9078 8638

Email address:

michael.mclarnon@atkinsglobal.com

Company Registration No.

688424

4. Details of Current/Previous Licence

Licence Reference Number

DU 149/11 Variation 1

Expiry Date

01 September 2012

5. Duration of Dredging Operation

When is the dredging operation proposed to commence?

01 September 2019

When is the dredging operation proposed to be completed?

31 March 2020

6. Details of Disposal Operation

Has a Marine Sea Disposal Licence been applied for Yes/No

Yes

Associated Marine Sea Disposal Licence Application number

Submitted at the same
time as this application

7. Method Statement for dredging operation

It is not known at the time of this draft licence application what the exact method for dredging will be as the contractor has yet to be appointed. However, it is anticipated that Dredging operations would be conducted using floating plant which would excavate the material and load it onto barges/pontoons. These would be towed to the Lagan Weir and transferred to a sea going barge moored on the downstream side of the weir. Filling of the sea going barge will be a relatively slow process and a trip to the disposal site is envisaged every other day during the contract. This is based on a barge with a 300m³ capacity. It should be noted that the exact methodology for dredging and disposal will be determined by the appointed contractor.

It is anticipated that once the SOW is drafted and a contractor has been appointed, they will liaise directly with DAERA Marine Licensing team to provide further details and update the draft licence to a full licence.

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

N/A

8. Description of proposed dredged material

Type of Material (delete as appropriate)	Maintenance
Amount of Material to be deposited (metric tonnes)	Up to a maximum of 77,329 tonnes (55,235 m³)
Nature of Material i.e. River Bed, Sea Harbour, Approach Channel, Estuary	River Bed
Description of area from where dredge material has originated	
Co-ordinates (Lat/Long) or (IGR)	Lagan Weir to Stranmillis Weir (Stranmillis Weir X334,099 Y370,900; Lagan Weir X334,441 Y374,536)
Depth of Material to be Removed (m) for incised channel and -5.9 mAOD for area in front of penstocks	Down to -1.2 m AOD, -2.5mAOD

Date Last Dredged

April 2011

9. Chemical Analysis of Dredged Material

Has the proposed dredged material been chemically analysed in the previous 3 years? (delete as appropriate) **Yes****

** If Yes please provide the details below.

Location of sampling for analysis

6 samples locations throughout the Impoundment. Please see Atkins (2016) report for details of sampling and results of chemical analysis (submitted previously to DAERA). PAH Verification sampling in region of original Sample Location No.5 (adjacent to Shaftebury Recreation Centre). Zinc Sampling in region of original Sample Location No.1 (between Queen's Bridge and Railway Bridge at Waterfront) – note zinc samples currently being analysed and will be forwarded separately.

Date analysis carried out
PAH verification samples November 2016. Zinc Verification sampling October 2018
Zinc Verification Samples October 2018

Main samples **January 2016.**

Laboratory samples)

National Laboratory Service (all

*** 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. 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.

Atkins have previously consulted with NIEA CDP (Lee Jones) whilst the HRA for Queens Quay (repairs on the Impoundment) was being undertaken as the Impounded River Lagan is hydraulically connected to Belfast SPA and Belfast Lough Open Water SPA. The HRA is attached for consideration for this licence as referenced in Section 14 below.

12. 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.

North channel SAC (using co-ordinates from previous NIEA Licence)

13. 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

14. 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

HRA & Dredging Maintenance and Disposal Plan (incorporating Environmental Assessment) included with application

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.

Is the environmental assessment available for public inspection?

Yes

No

If **Yes** at what locations:

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)

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Date:

04th December 2018

Name (Block Letters):

Michael McLarnon

Position within company:
(if applicable)

Principal Environmental Scientist

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