

Marine Construction Works/Land Reclamation/Beach Replenishment 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@daera-ni.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 of the project.

Indicate the location of the construction project using Latitude and Longitude co-ordinates in degrees and minutes to one decimal point of a minute provided. Any distances at sea should be in nautical miles, and on land should be in miles unless otherwise stated.

Attachments required.

You must provide appropriate drawing of the proposals including a red line diagram of the proposed construction location on an admiralty chart.

2. Applicant

The person, company or organisation making the application. (The licensee(s) may be any of the following, the contractor actually carrying out the construction work, the applicant and possibly other bodies involved).

3. Agent

Any person, company or organisation acting on behalf of the applicant. They may be acting under contract (or other agreement) on behalf of any party listed in the answer to question 2, and have responsibility for the control; management or physical deposit of materials anywhere below the tidal limit of the mean high water springs (MHWS). (e.g. A consultancy company submitting the application or a contractor who will be carrying out the works.)

4. Duration of project

Details of the proposed commencement and completion dates of the works.

A licence is normally valid for 1 calendar year or the duration of the works (whichever is longer) but not normally exceeding 3 years. After this period, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing works. It is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

5. Description and Cost of the Proposed Project

- (a) This estimate should cover only works taking place below the tidal level of Mean High Water Springs (MHWS) and should take into consideration the cost of materials, labour, fees etc.
- (b) Where the project is expected to take longer than 1 calendar year, this description must detail which elements of work are to be undertaken in the first 12 months, with an outline of the schedule for each further 12 month period of work. (The method of work etc. should be described in the answer to question 7.)
- (c) Select the options which most appropriately describe the type of work proposed. Where the project involves a number of elements, please tick each relevant box.

6. Location of Works

Include a list of the latitude and longitude co-ordinates of the boundary points of the proposed project. In a few cases, (e.g. laying of long pipelines) it may only be practicable to supply co-ordinates for the start and end points.

Latitude and Longitude: For positions read from charts of 1:25,000 scale or smaller, the format should be e.g. **55° 55'.5N 2° 22'.2W**. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly.

It is important that the correct positions are included with this application, as any errors may result in the application being refused or delayed.

To supplement the information given in section 6, Department of Agriculture, Environment and Rural Affairs (DAERA) Marine and Fisheries Division requires the following to be provided with the completed application form:

- A suitably scaled extract from an Admiralty Chart which should be marked to indicate
 - The full extent of the works in relation to the surrounding area;
 - Latitude and longitude co-ordinates defining the area of operation;
 - The level of Mean High Water Springs (MHWS)
 - Any adjacent Special Area of Conservation (SAC), Area of Special Scientific Interest (ASSI), Special Protection Area (SPA)/RAMSAR or similar conservation area boundary.

DAERA Marine and Fisheries Division require electronic copies of all documents to be provided. Normally only **one** copy will be required, however if the documents are too large to send electronically then ancillary copies on CD or other electronic storage devices will be required for consultation purposes, DAERA Marine and Fisheries Division will advise the applicant accordingly.

If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.** Alternatively maps/drawings can be sent electronically by email.

- **Sewer outfalls, discharge pipes for storm overflow and industrial waste etc.** The size and description of the pipe should be shown on the longitudinal sections and also details of any supports, foundations, methods of jointing and details of any tidal flaps.
- **Bridges over tidal waters:** an elevation with longitudinal and cross-sections of the bridge to a suitable scale should show the dimensions of the spans and width of piers, etc. above and below MHWS and the maximum and minimum heights of the undersides of the superstructures above MHWS. The headroom above MHWS and the width of span of the nearest bridges, if any, above and below the site should be stated.
- **Tunnels under tidal waters:** the longitudinal section of the tunnel should show the distances between the bed of the river or estuary and the top of the tunnel. Cross-sections should show the internal and external dimensions of the tunnel and particulars of construction. When a proposed future dredging level is known this must also be shown on all sections.
- **Overhead cables:** catenaries must be supplied in addition to the site plan showing the minimum clearance of the cable at MHWS and the electrical clearance allowed.
- **Marine Aquaculture:** proposals for fish farming and shellfish growing are subject to different procedures (refer to The Marine Licensing (Exempted Activities) Order (Northern Ireland) 2011).

The applicant should note that if the drawings/plans are subject to copyright, **it is the responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

7. Method Statement

Please provide a full method statement, including details of any temporary structures that may be required below MHWS during the works, and the ultimate fate of the structure and material used in its construction. Details of these structures will be included in any licence that may be issued.

Proposed measures to ensure the marine environment is adequately safeguarded during the work should also be described (e.g. the method to be adopted to ensure that the loss of fine grained material is minimised during construction), as should those taken to minimise any interference with other uses of the sea or foreshore.

8. Permanent Deposits

- (a) Tick the appropriate box (es) to indicate all materials to be deposited below MHWS. If you propose using types of materials for which a specific box is not provided, please describe the nature of such material in the box marked "other".
- (b) If any of the materials to be placed below MHWS are to be brought to the site by sea, give details of the material, e.g. clean rock, and average particle size. Also indicate the vessels to be used, a chart showing the proposed vessel route to the site of the works and details of any trans-shipment areas i.e. where material may be off-loaded to smaller vessels or barges for transport inshore to the site of the works.
- (c) Where the proposed works involve beach replenishment or land reclamation, additional information is required about the material to be deposited and method of delivery. The description of material must include details of its chemical quality. Where the material has not been chemically analysed, DAERA Marine and Fisheries Division may request representative samples for analysis or require the applicant to arrange for analyses to be undertaken before the licence can be determined.

9. Temporary Deposits

If temporary deposits are required, please provide details as with the permanent deposits above. The temporary deposit location details (Latitude/Longitude) should be added to section 6 of the form, and the period of time the site will be used must be provided. If issuing a licence, DAERA Marine and Fisheries Division will include on the document details of any area that has been approved as a temporary deposit site.

10. Dredging

Indicate whether you are proposing to dredge as part of the works. A separate Marine Licence may be required. The granting of the construction licence does not imply that the dredging licence will also be granted, as different assessment criteria are used to determine each type of application.

11. Disposal of material at sea

Indicate whether you are proposing to dispose of any excess material arising from the construction work at sea. A separate Marine Licence may be required. The granting of the construction licence does not imply that the sea licence will also be granted, as different assessment criteria are used to determine each type of application.

12. Planning

If the application is subject to planning permission, please give relevant details, including planning reference number, if planning has been approved/rejected and attached a copy of the environmental statement if appropriate.

13. Statutory Consenting Powers

Please describe what (if any) statutory responsibilities you (or your client) have to consent any aspect of the project.

14. Consultation

- (a) Have the public been invited to comment on these proposals? if so to whom and what was the closing date
- (b) Have any consultation meetings been held with the public/other bodies? If so where and when?

15. Consultation with Conservation Bodies

Consenting authorities have a duty to ensure that any works will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. ASSIs/SAC, 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 Environment Division, please supply any response that they may have given.

Any application for beach replenishment works should be cross checked as to whether the proposed site is a designated bathing water site and if so, ideally all physical works should be done out with the Bathing Water Season (1st June to 15th September). Further guidance on the Bathing waters Directive (76/160/EEC) can be obtained from <http://www.ni-environment.gov.uk/water-home/quality/bathingqualityni.htm>

In addition, guidance can be obtained from www.foodstandards.gov.uk/ with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

16. Designated Conservation Areas

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

17. Environmental Assessment

Please indicate whether any environmental assessments have been carried out in respect of the proposed works, 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 space provided.

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

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 for Marine Construction Works/Land Reclamation/Beach Replenishment in the Territorial Sea and UK Controlled Waters Adjacent to Northern Ireland

(Construction schemes including coast defences, beneficial uses of dredged materials, jetties, land reclamation, outfall pipes etc.)

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 DAERA Marine and Fisheries 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:

- a) would be contrary to the interests of national security YES NO
- b) 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.

Proposed Repair Works to Sea Defences, Carrickfergus, Co. Antrim.

The repair works would take place on two sections (each approximately 5m in length) along the existing revetment sea defences that protect existing the railway embankment immediately south of The Horse Park, Carrickfergus, BT38 7ED, Co. Antrim.

Both sections of the existing sea defence have experienced loss of the concrete toe beam and undermining due to erosion. Hessian bags have been placed on the damaged section to the east in order to temporarily mitigate further erosion. The repair works are required to maintain the integrity of the railway embankment during future storms. These sections would be repaired by cutting and breaking out the damaged concrete and replacing them with in-situ reinforced concrete. The repair works would likely take a maximum of two weeks to complete.

A Site Location Plan and details of the Proposed Works is provided in Appendix A.

2. Applicant Details

Title Initials Surname

Address:

Translink,
25 Duncrue Street,
Belfast
BT3 9AR

Name of contact:
(if different from above)

Telephone number:
(inc. code)

Email address:

3. Agent Details (if appropriate)

Title 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. Duration of Project

Expected Start Date Expected Completion Date

5. Description and Cost of the Proposed Project

- (a) Estimated gross cost of the works proposed seawards of the tidal limit of the High Water Mean Spring Tide Mark

Licence Band A: Up to £19,999

- (b) Give a detailed description of the proposed schedule of work

Proposed Repair Works

Two sections (each approximately 5m in length) of the existing revetment sea defence would be repaired. The following steps outline the proposed works and are applicable to both sections:

1. Damaged sections of concrete toe beam and slab to be saw cut to provide a square edge for reinstatement.
2. All saw cut surfaces to be cleaned and any dust or material is to be removed.
3. Care shall be taken when breaking out concrete to ensure no damage is caused to stone pitching or adjacent concrete structure.
4. Excavation shall be undertaken to minimise overbreak (max permissible 100mm to each face)
5. Backfill below concrete slab to be minimum depth 50mm st1 concrete. Temporary excavation to rear of concrete toe beam and all voids to be backfilled.
6. In-situ concrete to be placed as per specimen design provided in Appendix A.
7. Any rubble including hessian bags surrounding area for replacement of toe beam and concrete slab to be removed from site.

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

Types of Work Proposed

Coastal/Flood defences:

beach replenishment
shoreline reinforcement
flood defence

sea defence

Slipways:

slipway
causeway
launching ramp

Miscellaneous:

habitat creation/replacement
aquaculture (unless exempted)
sea wall
berms/wave screens
artificial reef
sea-lock

Harbour works:

dock wall/quay/wharf

Navigation works:

lock gates
moorings (unless exempted)
buoy/navigation mark (unless exempted)
training wall/breakwater

Land reclamation:

bunded/piled area
dock infill

Intakes/outfall pipes:

intake/outfall

Cables:

cable/subsea cable

Pipeline maintenance:

pipe/pipeline maintenance

Piers etc.:

bridge supports/bridge foundation
pier
jetty

Bank stabilisation:

Scour protection:

gabion

Barrages & island etc.

mattressing
tidal barrier
barrage
sculpture, statues, fountains etc.
ground investigation works
impoundment

Sediment manipulation

groynes

6. Location of Works

This should include Latitude and Longitude co-ordinates, to 1 decimal minute, defining the extent of the project.

The centre of the site is located at 54°43'21.5N 5°46'55.1W. A Location Plan Inset is provided in Appendix A

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

7. Method Statement

A detailed Method Statement would be provided by the Contractor. The Method Statement would follow the steps outlined in Section 5. However, it would incorporate the following mitigation where required during the works.

Pollution Prevention

As the works would be taking place on the shoreline of Belfast Lough, precautionary measures would be included in the detailed Method Statement to reduce the possibility of spillages of grout, chemicals or hydrocarbons. Several Guidance for Pollution Prevention (GPP) documents would be adhered to, such as:

- GPP 1: A general guide to prevention pollution (October 2020);
- GPP 2: Above ground oil storage tanks (January 2018);
- GPP 5: Works and maintenance in or near water (February 2018);
- PPG 6: Working at construction and demolition sites (2012);
- GPP 8: Safe storage and disposal of used oils (July 2017);
- GPP 21: Pollution incident response planning (June 2021);
- GPP 22: Dealing with spills (October 2018); and
- GPP 26: Safe storage – drums and intermediate bulk containers (February 2019).

In particular, details required in the detailed Method Statement include:

- Safe re-fuelling procedures and secondary containment for chemicals, oil, fuels etc;
- Emergency spill procedures (stop – notify – contain);
- Location of washout areas for concrete delivery lorries (an impermeable designated area 10m from any watercourse); and
- NIEA’s Pollution Prevention hotline number 0800 80 70 60. It is recommended that in the event of a water pollution incident, the NIEA water pollution hotline is contacted within 30 minutes unless it is not safe to do so.
- Mitigation measures will be in place prior to the commencement of any works.
- Measures from *Environmental Guidance for Ports and Harbours* (DAERA, March 2017) would be included as required such as good practice for waste management.

Furthermore, a key requirement of the Control of Pollution (Oil Storage) Regulations (Northern Ireland) 2010 (as amended) is that oil storage containers covered by the Regulations (i.e. above ground oil storage in containers over 200 litres), fixed or mobile, must have a secondary containment system (of 110% capacity) as defined by the regulations (e.g. a bund, which is an outer wall or enclosure designed to contain the contents of an inner tank, or a drip tray) to ensure that any leaking oil is contained and does not enter the aquatic environment.

The Contractor will also be made aware that it is an offence under the Water (Northern Ireland) Order 1999 to discharge or deposit, whether knowingly or otherwise, any poisonous, noxious or polluting matter so that it enters a waterway or water in any underground strata. Conviction of such an offence may incur a fine of up to £20,000 and / or three months imprisonment.

Access to the foreshore immediately adjacent the areas to be repaired may be required by a mini excavator to allow damaged sections to be broken out, excavated and replaced. Supplies will be delivered and lifted across the track using a rail road vehicle (RRV) if they cannot be delivered by the mini excavator. Hand tools will be carried into position and used by a small team of operatives and a railway safety team may be in position where work is required on or near the track.

The work is scheduled to be carried out during daylight hours outside of high tide ensuring that the sea is at a low enough level to allow access to the embankment. If all the work cannot be completed from the embankment and it is necessary to work on or near the line to complete some tasks, then the remainder of the work will be carried out under night-time working. At the time of writing, this is not anticipated.

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

8. Permanent Deposits

(a) quantity of permanent materials to be deposited below HMWS tidemark:

- Timber (m² or tonnes)
- Iron/Steel (tonnes)
- Plastic/Synthetic (m²)
- Silt (m³)
- Sand (m³)
- Concrete (m³)**4m³ approx.**.....
- Concrete bags/mattresses
(Confirm number, dimensions
& total volume m³)
- Stone/Rock/Gravel
(size range and volume m³)

If 'other' please describe below

Backfill as required behind concrete slab as per Cross Section A-A (Appendix A).

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

(b) for work involving salt marsh feeding, beach replenishment or land reclamation please provide the following information relating to the material to be deposited:

- Quantity (tonnes)
- Nature of Material
(e.g. sand, silt, gravel etc.)
- Source:
(if sea dredged please state
location of origin)
- Particle Size

Has the material been chemically analysed? Yes

No

If Yes, please include the analysis data with your application.

9. Temporary Deposits

Will there be a need to make any temporary deposits of material below HMWS tidemark during the works

Yes No

(a) quantity of temporary materials to be deposited below HMWS tidemark:

- Timber (m² or tonnes)
- Iron/Steel (tonnes)
- Plastic/Synthetic (m²)
- Silt (m³)
- Sand (m³)
- Concrete (m³)
- Concrete bags/mattresses
(Confirm number, dimensions
& total volume m³)
- Stone/Rock/Gravel
(size range and volume m³)

If 'other' please describe below

Approx. 40.0m length of concrete apron to be inspected at time of works and protected using rock bags as required.

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

10. Dredging

Do you intend to apply for a licence to dredge as part of the works?

Yes No

If Yes, please indicate the location
of the dredging and nature of material

11. Disposal of Material at Sea

Do you intend to apply for a licence to dispose at sea material dredged as part of the works?

Yes No

If Yes, please indicate:

Nature and quantity of material
(sand, gravel, silt, clay, rock etc.)

12. Planning

Is this project subject to a planning application?

Yes No

If Yes, attach a copy of environmental statement (if appropriate) and indicate what stage the application for planning permission is at (i.e. approved, awaiting notification, rejected)

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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. Consultation

(a) Have the public been invited to submit comments? **YES** **NO**
If **YES**, how and where?

Statutory consultation period (28 days) to begin in October 2021. Public Notice to be placed in 2 local papers for two consecutive weeks.

(b) Have any consultation meetings been held? YES NO
(with the public or other bodies)

Pre-Application Discussion meeting has been held with:
• DAERA Marine and Fisheries Division ([REDACTED] & [REDACTED] – 04/10/2021).

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

15. Consultation with Conservation Bodies

Please provide details of any consultation that has taken place with NIEA Natural Environment Division and, if appropriate, include copies of any correspondence with your application.

None.

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

16. Designated Conservation Areas

Are any parts of the proposed work located within the boundaries of a designated conservation area? YES NO

If **No**, please indicate approximate distance of the disposal operation from the nearest designated conservation area.

17. 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.

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)

[REDACTED]

Date:

13/10/2021

Name (Block Letters):

[REDACTED]

Position within company:
(if applicable)

Environmental Consultant

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

Application Checklist

- **Completed application form**
- **Project drawings**
- **Method statement**
- **Maps/charts**
- **Additional environmental information e.g. photographs, environmental impact assessment etc.**
- **Payment**

The Department takes data protection, freedom of information and environmental information issues seriously. It takes care to ensure that any personal information received from you is dealt with in a way which complies with the requirements of the UK General Data Protection Regulation. This means that any personal information you supply will be processed principally for the purpose for which it has been provided. However, the Department is under a duty to protect the public funds it administers, and to this end may use the information you have provided for this purpose.

A full copy of the DAERA Privacy Statement can be found here:-
<https://www.daera-ni.gov.uk/daera-privacy-statement>