

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

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. If appropriate, map co-ordinates from the Irish Grid used by the Ordnance Survey Northern Ireland may be used, to a 6 figure grid reference.

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 Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which should be marked to indicate
 - The full extent of the works in relation to the surrounding area;
 - Latitude and longitude (or 6 figure IGR) 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 will require copies of all documents to be provided for dissemination to others as part of the consultation process. Normally **one** copy of the maps/drawings will be required, if there are ancillary copies required, 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 section of the Marine Licence may be required. The granting of the construction section of the Marine Licence does not imply that the dredging section of the Marine 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 section of the Marine Licence may be required. The granting of the construction section of the Marine Licence does not imply that the sea disposal section of the Marine 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 outwith 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, 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.

N/A

1. Project Title

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

<p>Translink NI Railways Culvert Strengthening Program, Larne - Bleach Green Line.</p> <p>The proposed works include the open cut replacement of three existing culverts that convey water through the Translink Railway embankment on the Larne to Bleach Green Line. The three existing culverts have been assessed to be structurally inadequate and must be replaced.</p> <p>The Culverts will be replaced in their entirety with a new concrete spigot and socket pipes and propriety concrete headwalls installed both upstream and down steam of the culverts.</p> <p>Rock armouring will be placed on the shore side of the railway embankment for approximately 5-7m either side of each of the proposed culverts and headwalls. Scour protection will also be placed both upstream and downstream of the proposed culverts.</p>

2. Applicant Details

Title	<input type="text" value="Mr."/>	Initials	<input type="text" value="M"/>	Surname	<input type="text" value="Gormley"/>
Address:	<input type="text" value="25 Duncrue Street
Belfast
BT3 9AR"/>				
Name of contact: (if different from above)	<input type="text" value="Northern Ireland Railway Company Limited"/>				
Telephone number: (inc. code)	<input type="text" value="028 9066 6630"/>				
Email address:	<input type="text" value="mark.gormley@translink.co.uk"/>				

3. Agent Details (if appropriate)

Title	Mr	Initials	C	Surname	Davis
Trading Title (If different from above)	Doran Consulting				
Business Address:	Norwood House, 96-102 Great Victoria St, Belfast, BT2 7BE				
Name of contact: (if different from above)	Philip McManus				
Position within company (if appropriate)					
Telephone number: (inc. code)	028 9033 3443				
Email address:	philip.mcmanus@doran.co.uk				
Company Registration No.	NI 055181				

4. Duration of Project

Expected Start Date	August 2020	Expected Completion Date	March 2021
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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

MHWS = 1.07m O.D

Estimated total cost of the works: £250,000

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

Culverts C121 and 131

The works at Culverts C02-121 and C02-131 will be completed during a 2 week period in August 2020. Note the actual replacement of the culverts will be undertaken during a 54 hour track possession over a single weekend (weekend date to be confirmed). The remainder of the time (week either side of the possession) will be used for site establishment, de-vegetation of works area, placement of rock armour and scour protection, fencing, installation and removal of temporary access etc.

Culvert C133

The works at Culvert C02-133 will follow a similar pattern with works being undertaken in a 2 week period in March 2021 with the replacement of the culvert being undertaken within a single 54 hour weekend track possession during this period.

Note the works at all three culverts locations have been programmed to coincide with prearranged Translink line closures so to minimise the disturbance to the general public that utilise the Belfast to Larne line service.

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

mattressing

Barrages & island etc.

tidal barrier

barrage
 sculpture, statues, fountains etc.
 ground investigation works
 impoundment
Sediment manipulation groynes

6. Location of Works

This should include either 6 figure Irish Grid Reference (IGR) or Latitude and Longitude co-ordinates (WGS84 to 1 decimal minute) defining the extent of the project.

The extent of the works is defined by the drawing 191047-DC-MCL-C-001.
 The 6 figure Irish Grid References for the three culverts are:
 - C06.121: 344391E 398242N
 - C06.131: 346128E 395265N
 - C06.131: 346468E 394222N

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

7. Method Statement

Note: A detailed Method Statement will be forwarded on appointment of a contractor prior to the issue of the license.
 The expected sequencing of works includes:

Week leading up to line closure:

- Site establishment and formation of access to culverts
- de-vegetation of works area
- Installation of scour protection
- installation of 14m length sheet piles (Culvert C131 only) using a vibratory type pile driver (2.5m driven depth)

Weekend line closure:

- excavation and removal of existing culvert structure
- installation of pipe bedding
- installation of new culvert sections and precast concrete headwalls
- backfilling of excavation
- rock armouring
- reinstatement of track rails and sleepers

Week following the line closure:

- fencing works
- reinstatement of works area and demobilisation of site

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) 1.72T steel sheet piles

Plastic/Synthetic (m²) 400m² TERRAM 2000 geotextile layer

Silt (m³)

Sand (m³)

Concrete (m³)

Concrete bags/mattresses 22m Concrete pipes ranging in internal diameter from 600mm to 1,500mm

(Confirm number, dimensions 6no precast concrete headwalls

& total volume m³) 68m³ (0.3-1T) 131m³ (10-60kg) Rock Armour and Scour Protection Stones

Stone/Rock/Gravel 28m³ (Class 6A selected granular material)

(size range and volume m³)

If 'other' please describe below

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

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?

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 Signature]

Date:

13/12/19

Name (Block Letters):

CAMPBELL DAVIS

Position within company:
(if applicable)

Director

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**