

Application for a Band 1 Marine Licence

Project description

Project name

Highway Flooding Reduction - H82 Station Road Deganwy

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

CCBC are undertaking maintenance works to change the existing flap valves to reduce flooding to the highway at Station Road, Deganwy. The existing flap valves are to be replaced with a Duck Bill valve system. The existing flap valve is located on the beach near the Deganwy Quay estate, the valve only accessed at low tide and is partially buried by sand & silt.

Does the activity have an estimated project cost for marine works over £1 million? If yes, the activity is no longer eligible for a band 1 application and a band 3 application will be required.

No

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	Daniel Durrans
Company or trading name	Conwy County Borough Council
Company Registration Number (if applicable)	Conwy County Borough Council
Name of contact or individual (if different)	Conwy County Borough Council
Position in company	Infrastructure Engineer
Address (provide registered company address if applicable)	ERF Colwyn Bay Conwy
Postcode	LL28 7AZ
Telephone number	+441492575115
Email address	Daniel.Durrans@Conwy.gov.uk

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

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) 01/01/2024

Requested licence expiry date (DD/MM/YYYY) 01/01/2025

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.

OSNGR - SH 78030 79000
E:278030 N:379000

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

You can upload your method statement here or fill in the questions below.

- File: MWT Flap Valve replacement - Method statement.pdf - [Download](#)

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

- DOC 1 ERCF2310N T100 Station Road Location
- DOC 2 ERCF2310N T500 Station Road Valve
- DOC 3 MCGA RESPONSE Marine Licence Pre-Application Conwy and Deganwy Culvert Maintenance – Emailed dated 28/11/2023.
- DOC 4 TH RESPONSE Marine Licence Pre-Application Conwy and Deganwy Culvert Maintenance – Emailed dated 14/11/2023.
- DOC 5 WAT RESPONSE Marine Licence Pre-Application Conwy and Deganwy Culvert Maintenance – Emailed dated 08/11/2023.
- DOC 6 RCAHMMW RESPONSE Marine Licence Pre-Application Conwy and Deganwy Culvert Maintenance – Emailed dated 08/11/2023.

Materials of the project

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

Plastic/synthetics

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.

Access to the site will be via. the Harbour masters works barge on a falling tide. Welfare facilities will be provided on the barge. The barge will position itself adjacent to the flap valve and wait for the tide to drop allowing the vessel to beach. A suitably prepared 1.7t excavator will be lifted onto the beach using the barge bogie and machine lifting points. The lift details will be covered in more detail within a site-specific list plan prior to commencement.

The new valve will be transported to site using the Harbour master's barge. The valve will be lifted into place using the 1.7t excavator and pilot holes will be drilled using a battery powered SDS drill and masonry bit as described above. The valve will then be removed from the working area using the excavator and the holes will be drilled to the correct diameter and depth as per the manufacturer's instructions.

Will the works involve removals seaward of MHWS?

Yes

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

Iron/steel

Sand

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

The excavator will be tracked to the flap valve location. Pig tail pins and orange bunting tape will be erected around the working area to delineate the working area.

The excavator will be used to remove the silt build up in front of the existing valve assembly exposing the existing flange bolts. The excavated material will be deposited and graded on the beach adjacent to the working area. The 1.7t excavator will be used to suspend the existing flap valve using a 1t strap before cutting the flange bolts. The flange bolts will be cut off using a battery powered grinder. Operatives must wear impact resistant gaggles, ear defenders and safety boots when using the grinder. All debris to be removed from site for recycling.

The bolts will be cut from the bottom up. The excavator will then remove the valve and load it onto the barge for recycling. The remaining studs will then be cut off flush using the battery grinder as described above.

Studs will then be installed as per the manufacturer's instructions to take the new valve flange. Bolts will be installed and torqued using hand spanners as per the manufacturer's recommendations. The working area will be reinstated to match the existing before removing all plant and materials. The client will be invited to inspect and approve the works before demobilising site.

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

If applicable, any construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required)

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: DOC 1 ERCF2310N T100 Station Road Location.pdf - [Download](#)
- File: DOC 2 ERCF2310N T500 Station Road Valve.pdf - [Download](#)
- File: DOC 3 MCGA Correspondence.pdf - [Download](#)
- File: DOC 4 TH Correspondence.pdf - [Download](#)
- File: DOC 5 WAT Correspondence.pdf - [Download](#)
- File: DOC 6 RCAHMMW Correspondence.pdf - [Download](#)

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

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.)

CCBC ERCF2310N H82

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 Daniel Durrans
Date 28/11/2023
Position in company Conwy County Borough Council

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

Daniel.Durrans@Conwy.gov.uk