

Application for a Band 1 Marine Licence

Project description

Project name

Highway Flooding Reduction H22 Morfa Drive Conwy

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 Morfa Drive, Conwy. The existing flap valve is located below a cantilever concrete slab below an existing footway next to Ysgol Aberconwy on Morfa Drive, Conwy. The existing flap valve is situated within a site of special scientific interest (SSSI) that is also affected by the tide.

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)	Daniel Durrans
Position in company	Infrastructure Engineer
Address (provide registered company address if applicable)	ERf Colwyn Bay Conwy
Postcode	LL28 5AB
Telephone number	+441492575115
Email address	Daniel.Durrans@Conwy.gov.uk

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

Does the applicant wish to be included in all correspondence?

Yes

Will the works require the use of vessels?

No

Will the works require the use of any vehicles?

Yes

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 77551 78286
E:277551 N:378286

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 T101 Morfa Drive Location
DOC 2 ERCF2310N T501 Morfa Drive Valve
DOC 3 ERCF2310N T502 Morfa Drive Details
DOC 4 MCGA RESPONSE Marine Licence PreApplication Conwy and Deganwy Culvert Maintenance – Emailed dated 28/11/2023.
DOC 5 TH RESPONSE Marine Licence PreApplication Conwy and Deganwy Culvert Maintenance – Emailed dated 14/11/2023.
DOC 6 WAT RESPONSE Marine Licence PreApplication Conwy and Deganwy Culvert Maintenance – Emailed dated 08/11/2023.
DOC 7 RCAHWW RESPONSE Marine Licence PreApplication 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 transhipment 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.

Temporary traffic and pedestrian management will be erected around the site to prevent unauthorised access and provide a safe working area for the crane to be positioned within the South bound lane on Morfa Drive. Exact location of the crane to be agreed on site. An area of approximately 20m x 10m directly opposite the existing valve will be segregated from the public using pig tail pins and orange bunting tape.

A 100t mobile crane will arrive on site and be positioned within the south bound lane adjacent to the flap valve outfall. The crane will be used to lift an 8t excavator down into the channel while causing minimal disruption to the existing costal surroundings.

The 8t excavator will be delivered to site on a low loader via junction 17 on the A55. The crane will be used to lift the 8t excavator and position it onto the beach in a safe and level area close to the existing valve using the designated lifting points and suitable lifting equipment.

The existing valve is expected to weigh approximately 700kg based on the weight of the new valve to be fitted. The excavator will track back and position the valve on the beach where the crane can then be used to lift the valve onto a work pick up for recycling off site. Lift details to be covered within the lift plan.

The lift will be controlled by a trained and competent lift supervisor. A separate lift plan will be produced to provide exact details for the lift including the lifting equipment, crane position and persons responsible.

Once all flange studs have been exposed sufficiently, a 1t lifting strap attached to the boom of the excavator will be used to choke the valve and prevent it from falling before cutting the flange bolts off with a battery grinder. The bolts will be cut from the bottom side first to eliminate the risk of people getting trapped below the valve in the event of any movement.

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.

Once the machine has been safely positioned on the beach, the silt blocking the existing valve will be cleared to expose the bottom of the valve. Material will be discharged and graded onto the riverbank next to the working area.

The remaining flap valve studs will be cut off flush with the existing concrete face using a grinder as described above. All debris will be removed to tip off site. The new valve (approximately 700kg) will be lowered onto the beach using the crane. The valve will then be moved into place using the 8t excavator and 1t strap. Pilot holes will then be drilled at the new locations to suit the new flange assembly using a battery powered SDS drill and masonry bit.

The existing valve will then be removed and positioned in a safe area while the holes are drilled to the correct depth and diameter to suit the fixing studs supplied.

All areas disturbed by the works will be reinstated to match existing before removing the excavator from the beach using the crane as described above. The site compound will be demobilised following the approval of the client.

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

Correspondence with RCAHWW (B1 removals only)

Please upload these below

- File: DOC 1 ERCF2310N T101 Morfa Drive Location.pdf - [Download](#)
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- File: DOC 5 TH Correspondence.pdf - [Download](#)
- File: DOC 6 WAT Correspondence.pdf - [Download](#)
- File: DOC 7 RCAHMW Correspondence.pdf - [Download](#)

Please list below all supporting documents that have been submitted with this application.

DOC 1 ERCF2310N T101 Morfa Drive Location

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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 H22

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