

Apply for a Band 1 marine licence

Project description

Project name

Mostyn Culvert

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

We are a principal contractor working on behalf of Network Rail and have been asked to carry out the replacement of a tidal flap in the Mostyn area.

There is a significant issue with sediment build up, causing the tidal flap to be unable to operate (photos attached later in application), in turn this is causing flooding to the adjacent road during storm events.

We have therefore compiled the attached options report to rectify the issue. Network Rail have opted for the replacement of the existing tidal flap with a duck bill valve (Option 1), as this should allow water pass through the system whilst being buried in sediment.

In order to proceed with detailed design of the Duckbill Valve, we need to excavate the surround of the tidal flap to ascertain correct dimensions. This application applies to the initial excavation / investigation only.

Only area directly in front of the tidal flap is to be excavated and will be completely reinstated on completion of survey.

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 Overson
Company or trading name	MPH Construction
Company Registration Number (if applicable)	01141925
Name of contact or individual (if different)	As Above
Position in company	Quantity Surveyor
Address (provide registered company address if applicable)	MPH Construction, Bromfield House, Bromfield Industrial Estate, Queens Ln, Mold
	-
	-
Postcode	CH7 1XB
Telephone number	07780612635
Email address	danieloverson@mphconstruction.co.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) 05/10/2024

Requested licence expiry date (DD/MM/YYYY) 09/10/2024

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.

OS Ref: SJ 15117 81232

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: Vehicle Access Route.png - [Download](#)
- File: 23013W-REP-001 A01 - Mostyn Sea Wall Options Report.pdf - [Download](#)

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

There is a significant issue with sediment build up, causing the tidal flap to be unable to operate, in turn this is causing flooding to the adjacent road during storm events.

We have therefore compiled the attached options report to rectify the issue. Network Rail have opted for the replacement of the existing tidal flap with a duck bill valve (Option 1), as this should allow water pass through the system whilst being buried in sediment.

OS Ref (polygon):

SJ 15114 81234
SJ 15121 81233
SJ 15126 81238
SJ 15117 81242

Prior to the progression of the detailed design for this scheme, we have a requirement to fully excavate the tidal flap to allow us to get the correct dimensions which are the works to which this license relates.

Scope of works

Please provide a full description of all proposed works including: Sequence of works (mobilisation, marine works, site remediation (if required)) Estimated timing of works (duration, working hours, day/night, plus contingency) Plant, machinery or vessel required Estimated quantities (removals, deposits, construction materials)

Machine is to be tracked from Mostyn Docks, with complete excavation & reinstatement to be carried out in a single shift. We intend to complete the works during daytime hours, however this will be somewhat dictated by tide times, a second shift will be planned as contingency should unforeseen circumstances render us unable to complete the work in a single shift.

No more than 1m³ of sand will be excavated & reinstated.

Access and working areas

Please provide details of access to the site and working areas. This should include: Attached map of the access/egress route and working areas (annotated aerial image and/or OS map) Predicted plant/vehicle movements Storage areas for plant, equipment and materials (if required) Risks to navigation

- Please see attached access route from machinery via concrete ramp at Mostyn docks across beach to tidal flap.
- All access will be via adjacent access road through Mostyn docks access yard. This leads directly to concrete vehicle access ramp down to the beach.
- All Plant refueling points will be set up within the compound a minimum of 10mts away from any watercourse or hightide coastline, fire extinguishers and spill kits locally stored, all COSHH regulations adhered to with bunded containers and warning signage. Plant storage & fueling areas will be setup within Mostyn Docks.
- Plant access and designated walking routes will be set up using marker posts and site access plans distributed and briefed to all operatives on induction, all works are programmed for low tide working and towable lighting towers will be placed providing access egress lighting across the shoreline if tide times dictate night working. All plant and tools will be removed at the end of each shift. Signage will also be placed at the start of each shift giving information to other beach users of works and minimize disruption.
- Maximum plant operating speed on site will be 3mph, and plant movements observed by a banksman when vehicles are moving. Reversing only permitted in segregated turning areas.
- All plant access routes will be marshalled by MPH banks men with two way radio contact to the operators maintained throughout, should other beach walkers need to cross the access route dumper/excavator operator will be instructed to stop to allow safe crossing.
- 10t excavator with wide low pressure tracks fitted to reduce ground pressure and reduce rutting will be used for sand excavation, all sand will be left on the beach and reinstated as found after inspection works are completed.

Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include: Pollution prevention and control procedure (guidance available on the NetRegs website) Spill response kits Minimise plant traffic Designated access and egress routes Storage of materials (fuel, chemicals, construction waste) Biosecurity (guidance available at <http://www.snh.gov.uk/docs/A1294630.pdf>)

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1. All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works. Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Plant, vehicles and machinery will not be refuelled on the foreshore. Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice. All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment. In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

- Consents and permits will all be agreed with marine licensing and NRW prior to commencement of works on site all consent paperwork and licensing will be available within the site file, all protective and protection measures set out on the licenses must be adhered to with additional protection measures put in place to protect the beach environment.
- Excavation will take place in front of the existing tidal flap to expose the depth and invert level for measurements and photographic purposes.
- All plant machines will be modern and fit for purpose with a provable maintenance schedule and all current industry noise reduction fitted.
- All plant will run on bio diesel and use bio oil grease to lower the risk of pollution, spill kits will be supplied on all machines along with spill kits placed around the work site for emergency use should a spill occur, both plant vehicles will also be fitted with plant nappies in case of pipe failure, during all works carried out beach side an industry competent plant fitter will be on site in case of breakdown.

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

SHRA will be applied for & agreed prior to commencement of the works

Materials of the project

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

Other (please provide a description of materials):
No materials to be deposited

Will the works involve removals seaward of MHWS?

No

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

All materials temporarily removed to be reinstated.

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

Please upload these below

- File: C ROBINSON-B-286546-1250-1030_WAL_MPH-DANI24517102318.pdf - [Download](#)
- File: RE 1219_WAL_MPH - Tidal Flap Replacement (Mostyn) - Trinity House.pdf - [Download](#)
- File: RE 1219_WAL_MPH - Tidal Flap Replacement (Mostyn) - Port of Mostynn.pdf - [Download](#)
- File: RE 1219_WAL_MPH - Tidal Flap Replacement (Mostyn) - Harbour Master.pdf - [Download](#)
- File: Re 1219_WAL_MPH - Tidal Flap Replacement (Mostyn) - MCGA.pdf - [Download](#)
- File: 1219_WAL_MPH - Tidal Flap Replacement (Mostyn).pdf - [Download](#)
- File: Coastal Asset Condition Survey Report.pdf - [Download](#)

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

C ROBINSONB28654612501030_WAL_MPHDANI24517102318.pdf
RE 1219_WAL_MPH Tidal Flap Replacement (Mostyn) Trinity House.pdf
RE 1219_WAL_MPH Tidal Flap Replacement (Mostyn) Port of Mostynn.pdf
RE 1219_WAL_MPH Tidal Flap Replacement (Mostyn) Harbour Master.pdf
Re 1219_WAL_MPH Tidal Flap Replacement (Mostyn) MCGA.pdf
1219_WAL_MPH Tidal Flap Replacement (Mostyn).pdf
Coastal Asset Condition Survey Report.pdf

Statutory powers

Does the applicant have statutory powers to consent any aspect of the project? e.g. coast protection authority, dredging powers, statutory undertakers

No

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

World pay (please contact the Permit Receipt Centre)

Reference number (not BACS remittance no.)
1219WALMPH

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 Overson
Date 09/08/2024
Position in company Quantity Surveyor

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

danieloverson@mphconstruction.co.uk