

Application for a Band 1 Marine Licence

Project description

Project name

Loughor Tidal Flap

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

Project concerns the maintenance of a blocked tidal flap which is currently restricting the normal flow of water further upstream of the drainage system.

Works conform to Beach management activities:

- Clearance/removal of beach material in and around outfalls to aid drainage.

For polygon coordinates below use:

NW: SS 55951 98111

NE: SS 55959 98101

SW: SS 55944 98065

SE: SS 55954 98063

Works are likely to require 1 Day to complete. 3 Days has been allotted for redundancy.

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	RICHARD COMPTON
Company or trading name	Network Rail Infrastructure Limited
Company Registration Number (if applicable)	02904587
Name of contact or individual (if different)	RICHARD COMPTON
Position in company	PROJECT MANAGER
Address (provide registered company address if applicable)	Network Rail, 2nd Floor, One Eversholt Street, London,
Postcode	NW1 2DN
Telephone number	07720513099
Email address	Richard.Compton@networkrail.co.uk

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

Agent details

This is who we will correspond with unless otherwise informed. If no agent is identified we will contact the applicant.

Title	Mr
Full name	Owain Waters
Company or trading name	EcoVigour Ltd
Company Registration Number (if applicable)	6313671
Name of contact or individual (if different)	Owain Waters
Position in company	Senior Environmental Specialist
Address (provide registered company address if applicable)	Hardwick Farm Five Lanes Caerwent Monmouthshire -
Postcode	NP26 5PH
Telephone number	07538275034
Email address	owaters@ecovigour.com

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) 29/07/22

Requested licence expiry date (DD/MM/YYYY) 01/09/22

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.

For polygon coordinates below use:

NW: SS 55951 98111

NE: SS 55959 98101

SW: SS 55944 98065

SE: SS 55954 98063

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: Band 1 Method Statement - B1-MS-000875.1 - Loughor Tidal Flap .pdf - [Download](#)
- File: Appendix A - Loughor Tidal Flap - Biosecurity Management Plan & Risk Assessment - 2022 - Rev 1.pdf - [Download](#)
- File: Appendix B - TBS001 - Lougher Tidal flap clearance - 1866.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.

Please refer to method statement B1-MS-000875/1

The tidal flap is located between Loughor rail viaduct and Loughor road bridge (see figure 1 - B1-MS-000875/1). The condition of the flap appears to be relatively good, however the accumulation of sediment and rock debris in front of the flap is causing water blockage further upstream (see figure 2 - B1-MS-000875/1), thus necessitating remedial actions.

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)

Please refer to method statement B1-MS-000875/1

Works are scheduled to take 1 Day to complete. Three days have been allocated to account for material delays etc.

Site Welfare - Delivery/Setup

No formal compound is required to support the works. Welfare will be provided using mobile welfare vans. Delivery of equipment for the works will be delivered to the existing parking/turning area north of the tidal flap off Yspitty Rd (see figure below).

Access and Egress

Access to the structure will be achieved by driving the plant machine along the upper bank and situated the machine along the rear and edges of the tidal flap to gain access to the debris built up at the front of the flap (see figures below).

The machine will limit its movement to the harder stone substrate to ensure stability. Due to the relatively small working area available behind the flap, the size of the machine will be limited to approx. 8 tonnes.

Excavation and placement of material

The material removed from the front of the tidal flap is to be deposited to the edges and the rear of the asset adjacent to the existing rock armour. From the estimate volume of material (approx. 3m³), it is likely that the material relocation.

Replacement of safety barriers

The current safety barriers at the rear and sides of the outlet structure are in poor condition and may be replaced during these works. Replacement will be a like for like undertaking with the new barriers fixed to the existing structure mounts.

Complete works

Demobilise and remove all site equipment.

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 refer to method statement B1-MS-000875/1 - (Figures 3 to 5)

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:

Please refer to method statement B1-MS-000875/1

- 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:

Construction plant will be used on the viaduct within the estuary and hence there is a heightened risk of hydrocarbon release due to leaks of fuels and oils. The contractor will refer to guidance from:

- GPP 5 - Works and maintenance in or near water
- GPP 7 - Safe storage – The safe operation of refuelling facilities,
- GPP 21 - Pollution incident response planning,
- GPP 22 - Dealing with spills,

Maintenance work will result in a period of noise, however all works will be completed during one day, with the plant machine only operating until the material is cleared from the outlet of the tidal flap.

Noise levels are unlikely to exceed those currently generated by trains and road traffic currently utilising the crossings over the Loughor.

Toolbox talks will be provided by the Environmental Clerk of Works prior to works commencing. This will identify potential impacts and direct localised mitigation where required.

Night working is not to occur. All works will occur during low tide conditions during daytime.

The project will not represent a hard boundary inhibiting access to the wider up and downstream habitats by this species. Timing of works will avoid night-time periods.

Should an Otter be encountered during works, personnel will temporarily cease until the animal has vacated the immediate area under its own volition.

Works will result in periods of noise; however, all works within the watercourse will be completed during 1 day and the clearing itself will only be actively happening for relatively short period of time.

Noise levels are unlikely to exceed those currently generated by passenger trains currently utilising the

rail line and road bridge.

No formalised compound is required which would leave an overnight presence. All equipment and welfare will be deployed from vans.

Ecological oversight will be available for the duration of the works.

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

Please find Bio-Security Plan Attached – Appendix A

APPENDIX B- PROJECT TASK BRIEF - TBS001 - LOUGHER TIDAL FLAP CLEARANCE - 1866

Materials of the project

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.

Equipment will be delivered to a laydown area above MHWS and will then be moved as required to the relevant locations around the rear and sides of the tidal flap head walls.

For further information, please refer to document: B1-MS-000875/1

Will the works involve removals seaward of MHWS?

Yes

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

Silt

Stone/rock

Sand

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

Approx. 3m³ (3meters cube)

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

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

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

B1-MS-000875/1

Appendix A - Loughor Tidal Flap - Biosecurity Management Plan & Risk Assessment - 2022 - Rev 1

Appendix B - TBS001 - Lougher Tidal flap clearance - 1866

Calls have been made to Crown Estate and written correspondence will be shared once the a written reply has been received

As above for trinity house and MCA. We will provide copies of correspondence once a written replied to.

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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

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

Reference number (not BACS remittance no.)

DBML1866B1

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 Richard Compton

Date 30/05/22

Position in company Project Manager

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

owaters@ecovigour.com