

# Application for a Band 1 Marine Licence

## Project description

### Project name

RAF Pembrey Tidal Flap Investigation Works

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

We have been asked to undertake a detailed survey of a tidal flap valve at RAP Pembrey Burry Port, Dyfed, SA16 0HZ, which is not functioning correctly. The flap valve appears to have jammed and is apparently causing a localised flooding issue on the upstream.

We have undertaken a visual inspection, but believe we need to fully dewater and isolate the structure to assess condition and effect repair, with repairs assumed to be delivered under a separate attendance.

The watercourse passing through the tidal flap valve is on the main river Gwendraeth Fawr and it discharges into the tidal basin.

For the survey works we need to gain access to both the upstream and downstream, which means diverting the footpath access and setting up temporary dams and over pumping across the footpath which is on the flood embankment. We have estimated that our team will be onsite for 8 days, to allow for all enabling, inspection and reinstatement works.

Once we have good access to the site, our team will start the first phase of desilting on both upstream and downstream sections by using a 14t longreach excavator. This will allow us to install on each side a 4m Geodesign temporary dam, estimated 1.80m water control height, so we can isolate the works and enable the pumps set up. We have included one 6" submersible pump for overpumping the area and supported by 2 x 4" submersible pumps to dewater and maintain the survey area.

As soon as we have good access and visibility to the tidal flap valve, our engineer will undertake the inspection and take photos and measurements of the structure. A topographic survey will be performed at the same time as the survey. Accurate dimensional data of the structure and surrounding area will be required to inform any changes to the flap valve arising from inspection and support consents for permanent works.

We would propose dredged material be disposed of on-site, along the banks for the watercourse from which it was dredged, subject to approval under permit. The actual clearance of sediment likely only be a couple of hours, a day at most depending on the complexity of getting a machine above/near it. We estimate that approximately 9m3 of material needs removing to gain access to the sluice.

On completion of the inspection, our team will reinstate the removed section of the fence and clear the site.

## 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.

|   |  |
|---|--|
| <b>Title</b>  | Mrs  |
| <b>Full name</b>  | Liliana Udrea  |
| <b>Company or trading name</b>                                    | Robert Nicholas Limited  |
| <b>Company Registration Number (if applicable)</b>                | 08612195   |
| <b>Name of contact or individual (if different)</b>               | Liliana Udrea  |
| <b>Position in company</b>  | Estimator  |
| <b>Address (provide registered company address if applicable)</b> | Bordon Innovation Centre, Broxhead House<br>60 Barbados Rd<br>Bordon |
| <b>Postcode</b>   | GU35 0FX   |
| <b>Telephone number</b>   | 07706311817  |
| <b>Email address</b>  | liliana.udrea@robertnicholas.com                                     |

## 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.

|   |  |
|---|--|
| <b>Title</b>  | Mrs  |
| <b>Full name</b>  | Liliana Udrea  |
| <b>Company or trading name</b>                                    | Robert Nicholas Limited  |
| <b>Company Registration Number (if applicable)</b>                | 08612195   |
| <b>Name of contact or individual (if different)</b>               | Liliana Udrea  |
| <b>Position in company</b>  | Estimator  |
| <b>Address (provide registered company address if applicable)</b> | Bordon Innovation Centre, Broxhead House<br>60 Barbados Rd<br>Bordon |
| <b>Postcode</b>   | GU35 0FX   |
| <b>Telephone number</b>   | 07706311817  |
| <b>Email address</b>  | liliana.udrea@robertnicholas.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) 24/07/2023

Requested licence expiry date (DD/MM/YYYY) 30/09/2023

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.

SN 40056 04664, SN 40084 04663, SN 40103 04636 and SN 4006104621

## 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: MMO0001 - Method Statement, RAF Pembrey Tidal flap.pdf - [Download](#)

## Materials of the project

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

Silt

Sand

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.

Deposit on the bank side. Details are provided in the method statement.

Will the works involve removals seaward of MHWS?

Yes

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

Silt

Sand

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

Maximum 9m<sup>3</sup> of silt and sand to allow the function of the flap gate. For more information kindly see the method statement.

## 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

- File: MMO0002 - Pumps & dam arrangement on location.png - [Download](#)
- File: MMO0003 - RAF Pembrey Tidal Flap Location and worksite coordinates.pdf - [Download](#)
- File: MMO0004 - RAF Pembrey Tidal Flap Site Location.pdf - [Download](#)
- File: MMO0005 - NRW Guidance on pre-application discussions ref WPCC11946.pdf - [Download](#)
- File: MMO0006 - RAF Pembrey, Trinity House activity confirmation.pdf - [Download](#)
- File: MMO0007 - RAF Pembrey, MCA activity confirmation.pdf - [Download](#)

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

1. MMO0002 Pumps & dam arrangement on location
2. MMO0003 RAF Pembrey Tidal Flap Location and worksite coordinates
3. MMO0004 RAF Pembrey Tidal Flap Site Location
4. NRW Guidance on pre-application discussions ref WPCC11946
5. RAF Pembrey, Trinity House activity confirmation
6. RAF Pembrey, MCA activity confirmation

## 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.)**

PRCAPPROBER136

## 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.

|                            |                 |
|----------------------------|-----------------|
| <b>Name</b>                | Liliana Udrea   |
| <b>Date</b>                | 05/07/2023      |
| <b>Position in company</b> | Robert Nicholas |

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

[liliana.udrea@robertnicholas.com](mailto:liliana.udrea@robertnicholas.com)