

Application for a Band 1 Marine Licence

Project description

Project name

Morfa Bychan Outfall Repair

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

Locations:

Morfa Bychan Outfall, Pendine, SA33 4PN

Grid reference: SN223075; Easting = 222359 Northing = 207532

Dwr Cymru Welsh Water (DCWW) identified a stream diversion outfall pipe that has become blocked with rocks at the outfall face onto Morfa Bychan beach, Pendine. As a result, the stream water is discharging from a manhole onto the access lane at the back of the beach and has caused flooding of the surrounding area. This is presenting H&S and operational risk due to limited access to the borehole. Consideration is being given to place a culvert guard mounted onto the existing concrete outfall to prevent rocks blocking the outfall.

Works are required to clear the existing outfall by relocating rocky substrate and to install a culvert guard to the existing concrete outfall face which will prevent potential future blockages. The works will include;

- the removal of rocks from the front of the outfall using hand tools with the assistance of an excavator;
- the rocky area directly in front of the outfall will be levelled off to allow plant and equipment access to the outfall face;
- the removed material will then be loaded onto a tracked dumper to be deposited to one side of the outfall; and
- the installation of a culvert guard to the existing concrete outfall face.

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	Thomas Steven
Company or trading name	Dwr Cymru Welsh Water
Company Registration Number (if applicable)	N/A
Name of contact or individual (if different)	Thomas Steven
Position in company	Project Coordinator
Address (provide registered company address if applicable)	Players Industrial Est Clydach Swansea
Postcode	SA6 5BQ
Telephone number	07778812429
Email address	Tom.steven@dwrcymru.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.

Title	Miss
Full name	Ambar Villanueva-Brackley
Company or trading name	Apem Ltd.
Company Registration Number (if applicable)	02530851
Name of contact or individual (if different)	Ambar Villanueva-Brackley
Position in company	Apem Ltd.
Address (provide registered company address if applicable)	Riverview A17 Embankment Business Park, Vale Road Heaton Mersey Stockport
Postcode	SK4 3GN
Telephone number	07920792185
Email address	a.villanueva-brackley@apemltd.co.uk

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) 06/11/2023

Requested licence expiry date (DD/MM/YYYY) 31/12/2023

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.

Morfa Bychan Outfall, Pendine, SA33 4PN
OS National Grid reference: SN223075

Method statement

Are the works within a sensitive area or one of the following activities: boreholes, replacement piles or beach management?

Yes

Method statement

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

- File: 01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf - [Download](#)
- File: 01 - RA - Morfa Bychan Outfall Works.pdf - [Download](#)

Please give a brief method statement outlining the proposed project

Dwr Cymru Welsh Water (DCWW) identified a stream diversion outfall pipe that has become blocked with rocks at the outfall face onto Morfa Bychan beach, Pendine. As a result, the stream water is discharging from a manhole onto the access lane and has caused flooding of the surrounding area. This is presenting H&S and Operational risk due to limited access to the Borehole. Consideration is being given to place a culvert guard mounted onto the existing concrete outfall to prevent rocks blocking the outfall.

Works are required to clear the existing outfall of rocky substrate and to install a culvert guard to the existing concrete outfall face which will prevent future blockages. The works will include;

- the removal of rocks from the front of the outfall using hand tools with the assistance of an excavator;
- the rocky area directly in front of the outfall will be levelled off to allow plant and equipment access to the outfall face;
- the removed material will then be loaded onto a tracked dumper to be deposited to one side of the outfall; and
- the installation of a culvert guard to the existing concrete outfall face.

Please state the measures to be taken to minimise risk to the marine environment

All static plant to be placed in drip trays to prevent spillages.

Use funnels to refuel plant and equipment.

At no point is any of the plant & equipment to be refuelled on the beach

An emergency spill kit will be maintained on site consisting of a boom, absorbent granules and absorbent pads.

Environmental tool box talks will be maintained in the Site Health, Safety and Environmental file.

All environmental considerations will be assessed by the Contracts Manager and Site Foreman throughout the duration of the contract.

The plant and equipment will require access to the Marros-Pendine Coast / Arfordir Marros-Pentywyn Site of Specific Scientific Interest (SSSI) when accessing the Morfa Bychan outfall. In order to avoid or reduce the potential for impacts to protected features of the SSSI caused by the movement of the plant and equipment, the following mitigation measures will be implemented:

- Low tyre pressure will be used when traversing across the beach;
- Trips throughout the site will be kept at a minimum to reduce disturbance to the site; and
- Mudflats and sandflats present at the site will not be traversed at any point during the work activities.

Please state the measures to be taken to prevent undue interference to others

The area for the works is to be barriered off, to ensure no pedestrians can access the work site.

At no point will the works enter the water or require the use of vessels, reducing and preventing potential disturbance to fishing and navigation activities.

Please state the measures to be taken to maintain navigational safety, including marking and lighting of works

The area for the works is to be barriered off and the works will not enter the water at any point, preventing potential interference with navigational safety.

Band 1 method statement template

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

- File: 01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf - [Download](#)
- File: 01 - RA - Morfa Bychan Outfall Works.pdf - [Download](#)
- File: Works area and access route.jpeg - [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.

Locations:

Morfa Bychan Outfall, Pendine, SA33 4PN

Grid reference: SN223075; Easting = 222359 Northing = 207532

Dwr Cymru Welsh Water (DCWW) identified a stream diversion outfall pipe that has become blocked with rocks at the outfall face onto Morfa Bychan beach, Pendine. As a result, the stream water is discharging from a manhole onto the access lane at the back of the beach and has caused flooding of the surrounding area. This is presenting health and safety and operational risk due to limited access to the borehole. Consideration is being given to place a culvert guard mounted onto the existing concrete outfall to prevent rocks blocking the outfall. See the attached '01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf' for more information.

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)

Works are required to clear the existing outfall by relocating rocky substrate and to install a culvert guard to the existing concrete outfall face which will prevent potential future blockages. The works will include;

- the removal of rocks from the front of the outfall using hand tools with the assistance of an excavator;
- the rocky area directly in front of the outfall will be levelled off to allow plant and equipment access to the outfall face;
- the removed material will then be loaded onto a tracked dumper to be deposited to one side of the outfall; and
- the installation of a culvert guard to the existing concrete outfall face.

The works will be scheduled during a period of LMWS and are estimated to take up to 5 days, with activities taking place within daylight hours. See the attached '01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf' for more information.

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

To access the site, the plant and equipment will require access via a well-used access route from the town to the beach area. The site plant and equipment will be transported to the outfall through the upper, back area of the beach using a route commonly used by DCWW. At no point will the vehicles or work require access to the lower, sandy and muddy areas of the beach. Please see the attached 'Works area and access route.jpeg'.

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:

All static plant to be placed in trip trays to prevent spillages.

Use of funnels to refuel plant and equipment.

At no point is any of the plant & equipment to be refuelled on the beach

An emergency spill kit will be maintained on site consisting of a boom, absorbent granules and absorbent pads.

Environmental tool box talks will be maintained in the Site Health, Safety and Environmental file.

All environmental considerations will be assessed by the Contracts Manager and Site Foreman throughout the duration of the contract.

The plant and equipment will require access to the Marros-Pendine Coast / Arfordir Marros-Pentywyn Site of Specific Scientific Interest (SSSI) when accessing the Morfa Bychan outfall. In order to avoid or reduce the potential for impacts to protected features of the SSSI caused by the movement of the plant and equipment, the following mitigation measures will be implemented:

- Low tyre pressure will be used when traversing across the beach;
 - Trips throughout the site will be kept at a minimum to reduce disturbance to the site; and
 - Mudflats and sandflats present at the site will not be traversed at any point during the work activities.
- See the attached '01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf' for more information.

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

Emergency procedures to be highlight during induction training.
Mobile telephones will be available on site and may be used in the event of an emergency. Emergency service numbers for the local area will be maintained within site documentation.
First aid facilities will be maintained in the work place transport.
Any accidents or near misses to be reported to DCWW and Young Bros.
The nearest hospital is Glangwili Hospital, Carmarthen. The route to the nearest hospital will be maintained within site documentation.
First aid facilities will be available in the works transport vehicle and site office.
DCWW Rule of 2 and escalation process to be followed should there be any issues with the existing main during the works. Keep away from the excavation, DCWW Capital & DCWW Operations, to be contacted immediately to enable a certificate of isolation to be issued.

See the attached '01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf' and '01 - RA - Morfa Bychan Outfall Works.pdf' for more information.

MCA, trinity house, crown estate consulted with no concerns, correspondences attached with this application. The crown estate have confirmed that the area of the works is not within crown land.

Materials of the project

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

Iron/steel

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.

All equipment will be delivered to the site by vehicle via access through the Marros-Pendine SSSI.
Please see attachment named 'Works area and access route.jpg'.

Will the works involve removals seaward of MHWS?

No

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

No removal, just relocation of rocks and boulders

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: EL7773.001 - Culvert guard.pdf - [Download](#)
- File: MCA - Morfa Bychan Outfall Repair - Response.docx - [Download](#)
- File: RCAHMMW - Morfa Bychan Outfall Repair - Response.docx - [Download](#)
- File: Trinity House - Morfa Bychan Outfall Repair - Response.docx - [Download](#)
- File: NRW - Morfa Bychan Outfall Repair - advice and correspondence.docx - [Download](#)
- File: Crown Estate - Morfa Bychan Outfall Repair - Response.docx - [Download](#)
- File: P12905 - Morfa Bychan Outfall Repair HRA v1.0 (19102023) Final.pdf - [Download](#)

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

File: 01 - MS -Morfa Bychan Outfall - Grating Installation Rev A.pdf

File: 01 - RA - Morfa Bychan Outfall Works.pdf

File: Works area and access route.jpeg

File: EL7773.001 - Culvert guard.pdf

File: MCA - Morfa Bychan Outfall Repair - Response.docx

File: RCAHMMW - Morfa Bychan Outfall Repair - Response.docx

File: Trinity House - Morfa Bychan Outfall Repair - Response.docx

File: NRW - Morfa Bychan Outfall Repair - advice and correspondence.docx

File: Crown Estate - Morfa Bychan Outfall Repair - Response.docx

File: P12905 - Morfa Bychan Outfall Repair HRA v1.0 (19102023) Final.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

Reference number (not BACS remittance no.)
PRCAPPAPPEML004

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 Thomas Steven
Date 19/10/2023
Position in company Project Coordinator

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

a.villanueva-brackley@apemltd.co.uk