

Application for a Band 1 Marine Licence

Project description

Project name

Dolgarrog Pipe Bridge Refurbishment Enabling Works

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

Location:

Dolgarrog Pipe Bridge, Conwy, LL26 0YR

Grid reference: SH78056682; Easting = 278058 Northing = 366824

Dolgarrog Pipe Bridge comprises 3 spans, supported by the east and west abutments and 2No. piers. The bridge was originally constructed in 1916 to serve the aluminium works, and created a rail line across the Conwy River to connect with the Conwy valley line. Rail traffic across Dolgarrog Bridge ceased in 1960, and in 1964 the rail tracks were removed. Today Dolgarrog Bridge serves as an informal pedestrian walkway and cycleway, and supports 2No pipelines across the Conwy River. Due to defects observed on the timber boards crossing the bridge during previous survey works, the bridge is currently closed. The proposed works include refurbishing the bridge to safely reopen to the public whilst having suitable access to both pipelines.

Enabling works are required to progress the refurbishment works. This Band 1 licence application relates to the enabling works only. These works involve:

- Erect scaffolding above 2No pipelines spanning approx. 110m
- Installation of 14No steel plates to failing truss members on bridge structure
- Removal of scaffolding above 2No pipelines
- Erect hanging scaffold below bridge to enable replacement of existing timber decking

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	Stephen Hoult
Company or trading name	Dyr Cymru Welsh Water
Company Registration Number (if applicable)	N/A
Name of contact or individual (if different)	Stephen Hoult
Position in company	Project Coordinator
Address (provide registered company address if applicable)	Dwr Cymru Welsh Water Fortran Road, St Mellons Cardiff
Postcode	CF3 0LT
Telephone number	07464538922
Email address	Stephen.Hoult@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	Mr
Full name	Nick O'Brien
Company or trading name	Apem Ltd.
Company Registration Number (if applicable)	02530851
Name of contact or individual (if different)	Nick O'Brien
Position in company	Senior Marine Consultant
Address (provide registered company address if applicable)	Riverview A17 Embankment Business Park, Vale Road Heaton Mersey Vale Road Heaton Mersey, Stockport
Postcode	SK4 3GN
Telephone number	07760391107
Email address	n.obrien@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) 02/05/2022

Requested licence expiry date (DD/MM/YYYY) 14/06/2023

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.

Dolgarrog Pipe Bridge Conwy, LL26 0YR. OS National Grid reference: SH78056682.

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: RAMS Dolgarrog Pipe Bridge Over-Deck Scaff.pdf - [Download](#)
- File: RAMS Dolgarrog Pipe Bridge Susp Scaff 07-03-22.pdf - [Download](#)
- File: Dolgarrog Bridge Refurb_Q17852_Rev B_RAMS.docx - [Download](#)
- File: Land Entry - Dolgarrog.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.

The application is for a Band 1 marine licence for the enabling works associated with the refurbishment of Dolgarrog Pipe Bridge, Conwy.

Grid reference: SH78056682; Lat / Long: 53.184513 N, -3.826216 W

Enabling works are required to progress the refurbishment works. This Band 1 licence application relates to the enabling works only. These works involve:

- Erect scaffolding above 2No pipelines spanning approx. 110m
- Installation of 14No steel plates to failing truss members on bridge structure
- Removal of scaffolding above 2No pipelines
- Erect hanging scaffold below bridge to enable replacement of existing timber decking

The works do not involve any activities below MHWS. All works will be undertaken from the bridge and associated scaffolding.

Included with this application are method statements for:

1. Erection and removal of above deck scaffold
2. Bridge strengthening works
3. Erection of underhanging scaffolding.

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)

The scope of works are detailed in the RAMS that accompany this application. Key details are also provided here.

The sequence of works is as follows:

- Establish compound area at Surf Snowdonia overflow car park (see attached)
- Improve access track from Surf Snowdonia to Dolgarrog Pipe Bridge
- Install Upper Scaffold to enable strengthening works
- Install 8No strengthening / steel plates to bridge members
- Remove Upper Scaffold
- Install Hanging Scaffold below bridge

Enabling works will take approx. 7 months to complete. Working hours will be 07:30 – 17:00

Plant / machinery:

- Mini spider crane - model UNIC URW-094.
- Hand tools
- No vessels are required

There will be no removals or deposits as part of the enabling works. Construction materials are detailed in the attached RAMS and primarily relate to scaffold.

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

Map of access to site attached with this application (Land Entry)

The primary vehicle movements will be along the access track between the site compound at Surf Snowdonia and the pipe bridge as shown in the attached Land Entry map.

Storage area for plant, equipment and materials will be at the site compound at Surf Snowdonia.

There are no risks to navigation. MCA and Trinity House have confirmed they are content with the works scope and activities subject to the measures included in their correspondence being implemented. Correspondence with these parties is included with this application (P8334 - Dolgarrog Pipe Bridge - Correspondence with MCA and Trinity House).

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:

There will be no works below mean high water spring. The potential risks to the marine environment have been assessed and appropriate mitigation measures included in the attached method statements and in the project Construction Environmental Management Plan. The activities requiring mitigation and the mitigation measures to be implemented are detailed below.

Erection of underhanging scaffold:

1. Dropping tools / scaffold materials into River Conwy

Mitigation:

- a. Small tools to be tethered so they do not fall into the river
- b. Safety net to underside of scaffold to catch any falling items.

Erection of above deck scaffold:

1. Dropping tools / scaffold materials into River Conwy

Mitigation:

- a. Small tools to be tethered.
- b. Hand rails on the scaffold will have mesh netting to further prevent falling items.

Also note that the above deck scaffold will be erected above the decking of the bridge so any falling items would fall on to the bridge.

2. Vegetation clearance - this relates to vegetation clearance above MHWS
- a. A small area of vegetation clearance will be required under both sides of the bridge. This will be limited to a small footprint under the bridge. On the western side of the bridge an ecological survey identified a small patch of Japanese Knotweed in this area. If this is present in the area to be cleared this will be done so in line with best practice measures and only removed by a contractor licensed to handle Controlled Waste. A check, clean, dry protocol will also be implemented for works undertaken in this area.
 - b. A nesting bird survey will be undertaken prior to any vegetation clearance.
 - c. No sensitive species / habitats were identified in this area during the ecological survey.
 - d. These measures will be captured within the project Construction Environmental Management Plan

Strengthening works:

1. Paint removal - flaking paint entering the River Conwy.

Mitigation:

- a. Areas of paint removal will be limited to small areas at weld sites of the two trusses to be strengthened (see figure in document Q17852_Rev. B). A visqueen covering on scaffold boards will be used in these areas to catch any paint flakes and prevent them entering the River Conwy

2. Use / spillage of substances

Mitigation:

- a. any spillages of galvafrond paint or fuel will be prevented from entering the River Conwy by the visqueen covering on the scaffold boards and the toe boards.
- b. Spill kits will be available at all works areas.
- c. All refuelling to be undertaken at the site compound at Surf Snowdonia well away from the river.

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.

No vessels are required for the works. Materials will be delivered to site using vehicles. Vehicle access will be via the access tracks. There will be no vehicle movements required below MHWS.

Will the works involve removals seaward of MHWS?

No

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: P8334 - Dolgarrog Pipe Bridge location of works.jpg - [Download](#)
- File: 2961-BUR-SBR-ZZ-DR-S-25010_StrengtheningWorks-S3-P2.0.pdf - [Download](#)
- File: P8334 - Dolgarrog Pipe Bridge - Correspondence with MCA and Trinity House.docx - [Download](#)
- File: P8334 - Dolgarrog Pipe Bridge - Correspondence with NRW.docx - [Download](#)

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

P8334 - Dolgarrog Pipe Bridge location of works.jpg - Scaled map showing the location of the works
2961-BUR-SBR-ZZ-DR-S-25010_StrengtheningWorks-S3-P2.0.pdf - Drawing showing the areas of the bridge that will be strengthened.

P8334 - Dolgarrog Pipe Bridge - Correspondence with MCA and Trinity House - Word document with embedded correspondence with MCA and Trinity House

P8334 - Dolgarrog Pipe Bridge - Correspondence with NRW - Word document with embedded correspondence with NRW.

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

World pay (please contact the Permit Receipt Centre)

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	Stephen Hoult
Date	11/04/22
Position in company	Project Coordinator

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

n.obrien@apemltd.co.uk