

Application for a Band 1 Marine Licence

Project description

Project name

Central pumping station outfall clearance work, Cardiff East WWTW.

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

The scheme is for excavator work to remove stone, shingle, and silt from the outfall of Central pumping station located at Cardiff East WWTW.
SPS outfall located adjacent to Cardiff East WwTW off Rover Way ST 20904 75500.
Access via Dwr Cymru Welsh Water Cardiff East WwTW site.
Maintenance work is required to be carried out on Dwr Cymru Welsh Water's outfall (ref ST31859905).
DCWW will use Alun Griffiths Ltd to undertake the operation. A longarm excavator will be used to remove stone, silt and shingle from the channel obstructing discharge from the asset. Work is required to remove flooding risk to properties upstream.
The stone/shingle has built up causing pooling immediately at point of discharge, approximately 1m in depth. This is due to tidal influence at this location. No stone/shingle will be removed from site, it will be moved to an agreed area away from the outfall (at approximate NGR ST 20928 75512).
Access/egress will be made via the DCWW site – see plan.

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 Humphreys
Company or trading name	Dwr Cymru Welsh Water
Company Registration Number (if applicable)	02366777
Name of contact or individual (if different)	n/a
Position in company	Wastewater Assets Coordinator (Southeast)
Address (provide registered company address if applicable)	Ty Awen Spooners Close, Coedkernew Newport
Postcode	NP10 8FZ
Telephone number	07585964611
Email address	daniel.humphreys@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	Mark Jarvis
Company or trading name	Alun Griffiths Contractors Ltd
Company Registration Number (if applicable)	.
Name of contact or individual (if different)	.
Position in company	Minor Works Supervisor / Site Agent
Address (provide registered company address if applicable)	Waterways House Merthyr Road, Llanfoist, Abergavenny
Postcode	NP7 9PE
Telephone number	07971 795416
Email address	mark.jarvis@alungriffiths.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)	11/09/2023
Requested licence expiry date (DD/MM/YYYY)	01/10/2023

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.

NGR: ST31859905

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 Cardiff Outfall 20-06-23.docx - [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.

Maintenance work is required to be carried out on Dwr Cymru Welsh Water's outfall (ref ST31859905). DCWW will use Alun Griffiths Ltd to undertake the operation. A longarm excavator will be used to remove stone, silt and shingle from the channel obstructing discharge from the asset. Work is required to remove flooding risk to properties upstream.

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 stone/shingle has built up causing pooling immediately at point of discharge, approximately 1m in depth. This is due to tidal influence at this location. No stone/shingle will be removed from site, it will be moved to an agreed area away from the outfall (at approximate NGR ST 20928 75512).
Only work to take place during daylight hours. Estimated 2 (no) days including mobilisation. Longarm excavator to be used in order to undertake work safely.

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

SPS outfall located adjacent to Cardiff East

WwTW off Rover Way ST 20904 75500.

Access via Dwr Cymru Welsh Water Cardiff East

WwTW site.

Maintenance work is required to be carried out on Dwr Cymru Welsh Water's outfall (ref ST31859905). DCWW will use Alun Griffiths Ltd to undertake the operation. A longarm excavator will be used to remove stone, silt and shingle from the channel obstructing discharge from the asset. Work is required to remove flooding risk to properties upstream.

The stone/shingle has built up causing pooling immediately at point of discharge, approximately 1m in depth. This is due to tidal influence at this location. No stone/shingle will be removed from site, it will be moved to an agreed area away from the outfall (at approximate NGR ST 20928 75512).

Access/egress will be made via the DCWW site – see plan.

Estimated work on SSSI site will be 2 (no) day – where excavator will access via works compound. Set up at safe location and remove stone and shingle. Once complete, will egress via same route.

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:

Section 28h was issued to local Environment team.
Consent Ref No: C003326/1 has been received/approved due to work taking place under SSSI site (Severn Estuary).
Tidal time considerations will be made and assess closer to the confirmed start date.
Specific requirements that NRW require will also be added to our RAMS and inductions on site along with the Pollution Prevention guide as stated in GPP 5: Works and maintenance in or near water .
Email correspondence with the Marine Licensing team and DCWW (Patrick James) on 22nd August 2023, attached detail of plans, aerial images and RAMS.
Request to Navigation Safety has also been submitted, and approval received that work being low risk.
Following risk mitigation to take place:
1) all maritime safety legislation is complied with;
2) Local mariners and fishermen's organisations must be made fully aware of the activity through a local notification. This must be issued at least 5 days before the commencement of the works.
3) Zone27@hmcg.gov.uk must be notified prior to commencement of activities.
4) Bunding and/or storage facilities must be installed to contain and prevent the release of fuel, oils, and chemicals associated with plant, refuelling and construction equipment, into the marine environment.

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

As above

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):
n/a removing stone/ gravel from immediately in front of outfall.

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.

n/a

Will the works involve removals seaward of MHWS?

No

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

Stone/rock

Gravel

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

All debris removed will remain on site, moved away from outfall location.

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: Images.pdf - [Download](#)
- File: Navigation Safety Approval for band 1 Marine licensing activity - Cardiff, CF10 4LJ.docx - [Download](#)
- File: Scope Plan - Cardiff Treatment Works, Outfall.pdf - [Download](#)
- File: Consent to carry out notifiable operations_C0033261_21082023.pdf - [Download](#)

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

RAMS from Alun Griffiths

Images

MCA approval

Scope plan (GIS)

NRW consent to carry out notifiable work in SSSI area

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.)

Purchase Order Ref: 3500376452

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 Humphreys
Date 04/09/2023
Position in company Wastewater Asset Coordinator (SE)

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

daniel.humphreys@dwrcymru.com