

Change a new bespoke water discharge activity and groundwater (point source) activity permit

About you

Tell us the permit number for the environmental permit you want to change. The permit number may also be referred to as your 'consent number' or your 'authorisation number' in documents that have been issued before April 2010.

BH0074101

Tell us who is making the application to change this permit.

First name: James

Last name: Camis

Address: Dwr Cymru Kinmel Park Depot, Royal Welch Avenue, Bodelwyddan, Rhyl, Denbighshire

Postcode: LL18 5TQ

Telephone: 07557 259676

Email: james.camis@dwrwymru.com

Only the permit holder(s) or somebody authorised to act on their behalf can change the permit.

Are you the permit holder or somebody who is authorised to act on their behalf?

Yes

Is somebody completing this application on your behalf?

Tell us if you're using an agent or somebody else to complete this application on your behalf

No – I'm completing this application for myself

1 Pre-application discussions

Did you have pre-applications discussions with Natural Resources Wales about this activity?

No

What do you need to change?

Complete one

I need to make technical changes to my permit

Tell us about your proposed technical change

There are three different types of technical change you can make to a permit: minor, normal and substantial.

Minor variation

For changes which need some technical input from NRW, for example applications to: Reduce the volume of discharge where no review of existing substances or habitats assessment is required Normal Variation

For changes requiring technical input from NRW, for example applications to Change outlet location which requires a review of any existing substance or habitat assessment Change the volume or the quality (or content) of a discharge and no new assessment of emission limits for specific substances is needed. Substantial variation

Where a significant assessment is required, including: Change the volume or change the quality of a discharge and a new assessment of emissions limits for specific substances is needed Specific substances are: Hazardous pollutants for water discharge activities

Hazardous substances or non-hazardous pollutants for groundwater activities

Please give us details of the proposed technical change in the box below:

This application for a Normal Variation is being made due to the membrane filtration system suffering from saline intrusion. As such we are switching to a more conventional UV disinfection system. This application details the UV Dose Calculator values as well as some amendments to some of the monitoring point locations for the disinfection system. These are the only locations shown on this site plan.

What type of change is this?

Normal

If you need to provide more information you can upload a document below

- File: RFP BACS Payment Ref.jpg - [Download](#)
- File: Appendix A - UV Consent Application Form Rev1.pdf - [Download](#)

Where will you be discharging?

Please complete

Site name Cardigan WwTW

Address Netpool Road, Cardigan,
Ceredigion

Postcode SA43 1PA

Please provide the 12 character national grid reference of the location of your septic tank / sewage treatment plant. This consists of two letters followed by 10 numbers (for example AB 12345 67890)

To find out the 12 character grid reference, you can search on the UK grid reference finder website: <http://www.gridreferencefinder.com/> (opens in new tab)

SN 17050 46224

About the effluent

Give a brief description of the effluent discharge you want a permit for, for example, treated domestic sewage effluent.

A1 Secondary Treated Sewage Effluent with UV Disinfection and A2 Settled Storm Sewage

Give this effluent a unique name

This name will be used throughout the application and may be used in the permit to identify this effluent. If you have more than one effluent you must ensure that each name you use is distinct. For example, package sewage treatment plant effluent, septic tank effluent, cooling water, site drainage and so on.

A1 Secondary Treated Sewage Effluent with UV Disinfection and A2 Settled Storm Sewage

Is this a release from a dam, weir or sluice ('reservoir release') under Schedule 21 of the EPR meaning of water discharge activity?

No

Tell us the effluent type:

You must fill in a separate copy of this form for each type of effluent you plan to discharge.

Sewage – water company WwTW final effluent

Sewage – water company WwTW final effluent: How long will you need to discharge?

What date do you want the permit for this effluent to start?

You cannot discharge your effluent prior to this start date on your permit. This is the date that your annual subsistence charges will start, even if you have not started to discharge.

* 01/04/2026

Is the discharge time limited?

No

Sewage – water company WwTW final effluent: How will the effluent be treated?

Do you treat your effluent?

Yes

Please fill in the table below for each stage of the treatments carried out on your effluent in the order in which they are carried out. . If you prefer, you can upload an overall design for the whole treatment process below

	Code number
First treatment	11 Screening
Second treatment	29 Settlement
Third treatment	Biological filtration
Fourth treatment	other - filtration UV

Sewage – water company WwTW final effluent: What will be in the effluent?

Are any 'specific substances' likely to enter the sewerage system upstream of the discharge through any authorised or known inputs? For water companies only, a substance may be authorised to be discharged into the sewerage network upstream of the sewage treatment works.

No

Are any 'specific substances' added to or present in the effluent as a result of the activities on the site? You may add chemicals to the effluent during the treatment process; for example, iron salts to remove phosphate. Or you may have substances present in your effluent as a result of activities on your site; for example, chromium can be present in effluents from concrete batching plants.

No

Have any of the substances listed in the environmental risk assessment guidance been detected in samples of the effluent or in the sewerage catchment upstream of the discharge?

No

Are there any other harmful or hazardous substances in your effluent not mentioned in the environmental risk assessment guidance? The list in the environmental risk assessment guidance is not exhaustive and if you accept, add or detect any other harmful substance (including hazardous substances or relevant non-hazardous pollutants as described above) you will need to tell us.

No

Sewage – water company WwTW final effluent: Monitoring arrangements

What is the 12 character national grid reference of the inlet sampling point? It allows a composite sample of the influent to the sewage treatment works to be obtained.

SN 17062 46240

What is the 12 character national grid reference of the final effluent sample point? This is the sample point used to assess compliance with any water quality emission limits on your permit.

You must ensure that it allows a representative sample of the discharge to be obtained. You must also ensure that all constituents of the discharge pass through the sampling point at all times. The sample point can be where the effluent meets the receiving environment only in cases where no other effluent is added before this point. You must provide a permanent means of access to monitoring points.

SN 17127 46179

Do you have a UV disinfection efficacy monitoring point?

This type of monitoring point is only required for discharges that undergo some form of disinfection. For example, ozone or ultraviolet disinfection, membrane filtration and so on.

Yes

If yes, provide the 12 character national grid references for the pre and post UV monitoring locations

Pre UV treatment SN 17141 46187

Post UV treatment SN 17126 46181

If your effluent has a maximum volume of less than 50 cubic metres a day you do not need to complete the following three questions

Do you have an Urban Waste Water Treatment Directive final effluent sampling point? This is a requirement for larger sewage treatment sites that meet the requirements of the UWWTD. It allows a composite sample of the final effluent from the sewage treatment works to be obtained. You must provide a permanent means of access to monitoring points.

Yes

What is the 12 character national grid reference of the flow monitoring point? This will be the location of your flow monitoring equipment where compliance with the volume limits on your permit will be assessed

SN1705046224

Does the flow monitor have an MCERTS certificate?

Yes

Sewage – water company WwTW final effluent: sewer modelling

Upload details of how the modelling was carried out and the outcome

- File: Cardigan UV Dose Calculator Rev1.xls - [Download](#)

Have you carried out an environmental impact assessment?

No

Your management systems

What management system will you provide for your regulated facility?

ISO 14001

I confirm that I have read the guidance and that my management system will meet NRW requirements.

Yes

Where will the effluent discharge to?

Where will the effluent discharge to?

Tidal river, tidal stream, estuary or coastal waters

Is this effluent discharged through more than one outlet?

Effluents are usually discharged to one location in one receiving environment. If your effluent will be discharged to more than one location within the same receiving environment, for example, two different discharge points on a non-tidal river, you can provide details of every discharge point on the next page.

If your effluent discharges to more than one location in a different receiving environment, for example, into land and to a non-tidal river you will need to select both receiving environments above and complete the relevant sections on the following pages.

No

Are there any other factors we need to take into account as part of your application?

No

Discharges to tidal river, tidal stream, estuary or coastal waters

Give the discharge point a unique name, for example, 'Outlet 1' (you must use this name to identify the discharge point on the plan); the national grid reference; and the name of the tidal river, tidal stream, estuary or area of coastal water if you know it

	Discharge point name	National grid reference	Tidal river/stream/estuary name	Name of effluent discharged through this discharge point
1	A1	SN 16996 46139	Afon Teifi Estuary	Secondary Treated Sewage Effluent with UV Disinfection
2	A2	SN 16996 46139	Afon Teifi Estuary	Settled Storm Sewage Discharge
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

Is the discharge into

A tidal river

Does the discharge reach the watercourse by flowing through a surface water sewer?

No

Is the discharge point above the mean low water spring tide mark?

The mean low water spring tide mark can usually be found on Ordnance Survey maps. Discharges should be made below this point to prevent effluent flowing across beaches, exposed river beds or mud flats etc.

No

How is the effluent dispersed?

For example, open pipe or diffuser system.

Flap Valve

Site plan

If the changes you're making involve moving outlets or updating grid references for your activities, you will need to provide an updated site plan.

The site plan should be A4 in size or larger, and at 1:10,00 scale or larger.

On your plan you must show: which direction North is; the premises discharging effluent; the site in relation to the local area; any watercourses, wells, springs or boreholes on the site (or within 50 metres); the location of the wastewater treatment system all outlets where effluent will be discharged into the receiving environment; where samples of effluent can be taken automatically or manually (if required); where flow or quality will be measured (if required).

You may submit more than one plan if necessary.

Please upload your plan(s) below

- File: BH0074101 - Cardigan WwTW Site Plan.pdf - [Download](#)

How do you want to pay?

Who can we talk to you about your billing or invoice?

Same as application contact

How do you want to pay for your application fee?

Electronic transfer (e.g. BACS)

Paying by electronic transfer

Please provide your reference for the payment.

Payment reference: RFP05960 but you may use the clearing ref 105384010

Amount paid: 2957.00

How we collect your personal data

We will process the information provided by you in line with the Data Protection legislation.

For more information on how we manage, store and use your data, see our [Privacy Notice](#) (opens in new tab)

I have read and understood this information

Freedom of Information

Under the Freedom of Information Act 2000, anybody may request information from a public authority. The Act grants two statutory rights: to be told if the public authority holds that information; and if so, to have that information communicated to you.

Find out how to request information under the Freedom of Information Act.

I have read and understood this information

Confidentiality and National Security

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential. Confidential information is information that is commercially or industrially confidential in relation to any person and is unlikely to be applicable for small-scale sewage discharges.

You can ask for information in the public register to be made confidential or withheld in the interests of national security by answering the question below and provide information on the next page giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application.

Do you believe that for reasons of confidentiality or national security your details should not be included on the public register?

No

Declaration

A relevant person should make the declaration. You must be a relevant person or have the authority of a relevant person to sign this application on their behalf. An agent acting on behalf of an applicant is NOT a relevant person.

Each individual (or individual trustee) who is applying for their name to appear on the permit must complete this declaration. You can send a separate document with the relevant information if there are not enough spaces to sign below.

Relevant people means each applicant, and in the case of a company, a director, manager, company secretary or any similar officer or employee listed on current appointments in Companies House. In the case of a Limited Liability Partnership (LLP), it includes any partner. If the permit holder is an organisation of individuals, each individual (or individual trustee) must complete the declaration.

To simplify and speed up the application process, we recommend that the declaration is filled in by an officer of a company or one of the partners in a Limited Liability Partnership (LLP).

If you wish a manager, employee or consultant etc. to sign the declaration on behalf of a relevant person, we will need written confirmation from a relevant person; that is, an officer of the company, a partner in the LLP or the individual, confirming that the person has the authority to fill in the declaration.

If you are joint permit holders, you should each fill in your own declaration. We have provided extra spaces for this below. Please upload a separate sheet with your application if you need more room for signatories.

Where the operator is the subject of any insolvency procedure, the declaration must be filled in by the official receiver/appointed insolvency practitioner.

I have included written confirmation from a relevant person to confirm I can sign on their behalf

Upload written confirmation here

- File: 2023.03.22 - Nicola Foreman NRW letter of authorisation for permitting matters.pdf - [Download](#)

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement: I may be prosecuted; and if convicted, I may have to pay a fine and/or go to prison.

By signing below, you are confirming that you understand and agree with the declaration above.

Title	-
First name	James
Last name	Camis
On behalf of (if applicable)	Dŵr Cymru Cyfyngedig
Date (DD/MM/YYYY)	13/03/2026

Submit your application

Enter the email address you'd like a copy of your application sent to:

james.camis@dwrcymru.com

language selection

en