

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.

AD0008001

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

First name: Amy

Last name: Powell

Address: Dŵr Cymru Welsh Water (Tŷ Awen), Spooner CI, Marshfield, Newport

Postcode: NP10 8FZ

Telephone: 07387 535255

Email: amy.powell@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?

Yes

Pre-application discussions

Give us the case reference or details of the pre-application advice you received. We will then be able to refer back to the information you've already given us, which will help us to determine your application.

Various discussions with NRW, including Mark Squires & Chris Hall. Operating Technique Agreement has been agreed for the proposed trial.

Have you changed your proposal since you had pre-application discussions with us?

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:

Include reference to Operating Technique Agreement (OTA) in Schedule 1 of the permit.
Update point of overflow in site plan & S3.4 NGR. In line with OTA

What type of change is this?

Substantial

Where will you be discharging?

Please complete

Site name Pont-y-Felin CSO
Address Past Pear Tree Cottage, Pont-Y-Felin Lane
Lower New Inn, Pontypool
Postcode NP4 0TN

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)

ST 30222 99129. NGR Provided in centre of Constructed Integrated Wetland.

About the effluent

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

Current permit regulates the discharge of storm effluent into the Afon Lwyd.

The proposed trial scheme is to pass combined storm overflows, that would otherwise discharge to the environment, through an ICW system. The ICW consists of a reed bed and a surface flow wetland, which have varying water depths to provide storm attenuation as well as water quality benefits prior to the flows discharging to the environment.

1. The ICW utilises the existing outfall (ST 30086 98969). The existing unscreened CSO chamber will be abandoned. A new screening chamber will mechanically screen flows up to 1 in 30-year storms to 6mm in 2D.
2. The new screening chamber will ensure the existing flow performance of the CSO is maintained, passing forward 34 l/s onto the trunk when conditions allow before storm flows pass through the mechanical screen and onto treatment.
3. Once this storm flow has been screened to 6mm in 2-Directions, flows up to 200l/s will gravitate to the Primary ICW, the aerated reed beds and then onward to the Secondary ICW; constructed wetlands which will provide additional effluent polishing. Instrumentation will monitor when a discharge is made into the ICW.
4. To protect the ICW from extremely high incoming flows, screened flows in excess of 200l/s will bypass the ICW and discharge to the river without treatment. These discharges through the bypass will be monitored through EDM.
5. A 10mm bar screen will be installed on the pipe to the ICW.

The OTA documents this in detail, alongside a robust sampling regime.

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.

1. Storm Sewage via Point of Discharge. 2. Treated Storm Effluent via Point of Discharge

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.

Intermittent combined sewer overflow - storm sewage from a sewerage network or discharged at the head of a sewage treatment works

Intermittent combined sewer overflow: 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.

* 01/01/2026

Is the discharge time limited?

Yes

Intermittent combined sewer overflow: Intermittent sewage discharges

What is the pass forward flow at the storm overflow setting (in litres per second)?

9.15

Is the discharge screened?

Yes - bar screen

If 'Yes - other type' (please specify):
See OTA

What is the minimum flow through the screen (in litres per second)?

200

What is the screen spacing (in millimetres)?

6mm in 2-Directions

What is the storage time within the sewer and the wet well above the top water level at dry weather flow (in hours and minutes)?

See OTA

Intermittent combined sewer overflow: How will the effluent be treated?

Do you treat your effluent?

Yes

If no, please explain why the effluent will not be treated:

See OTA.

Currently we discharge storm sewage via the Point of Discharge.

The proposed scheme will treat storm flows that are screened to 6mm in 2-Directions, flows up to 200l/s will gravitate to the Primary ICW, the aerated reed beds and then onward to the Secondary ICW; constructed wetlands which will provide additional effluent polishing before Point of Discharge.

Screened flows in excess of 200l/s will bypass the ICW and discharge to the river.

QUESTION what do you do with the codes below?

They don't appear within the issued permits and the water industry do not use them. The below codes are selected based on the OTA with flows diverted to the ICW prior to discharge.

For effluent quality - please refer to OTA

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	30 Reedbed
Third treatment	10 Lagoon
Fourth treatment	-

Intermittent combined sewer overflow: 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 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

Intermittent combined sewer overflow: Monitoring arrangements

What is the 12 character national grid reference of the final effluent sampling point?

ST 30337 99088

What is the 12 character national grid reference of the Event Duration Monitoring point.

ST 30337 99088

Intermittent combined sewer overflow: sewer modelling

Have you carried out an environmental impact assessment?

No

Your management systems

What management system will you provide for your regulated facility?

Own management system

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?

Non-tidal river, stream or canal

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 non-tidal river, stream or canal

Is the discharge into a

Non-tidal river

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

No

Does the watercourse dry up for part of the year?

Effluent should discharge to watercourses which flow all year. Discharging to a dry watercourse may cause the effluent to pond and cause other environmental or amenity issues"

No

Environmental risk assessment and modelling

Have you carried out any river quality modelling? Read the 'Surface water pollution risk assessment for your environmental permit' guidance available on Gov.UK to determine if you need to provide this modelling.

No

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: AD0008001 – 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: RFP05214 Subs Variation Pont y Felin AD0008001

Amount paid: 4730.00

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: 2025.03.26 - 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	Amy
Last name	Powell
On behalf of (if applicable)	DCWW
Date (DD/MM/YYYY)	03/11/2025

Submit your application

Enter the email address you'd like a copy of your application sent to:
amy.powell@dwrcymru.com