

Change a permit for discharging treated domestic sewage effluent of up to 15 cubic metres a day into ground or up to 20 cubic metres a day onto surface water

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.

EPR/CB3692HF

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

First name: Dafydd

Last name: Owen

Address: Isle of Anglesey County Council, Council Offices, Llangefni

Postcode: LL77 7TW

Telephone: 01248 750057

Email: dafyddowen@ynysmon.gov.uk

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

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.

PPN-01612

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.

Substantial variation

Replace existing effluent treatment plant with new where no review of existing substances or habitats assessment is required

What type of change is this?

Substantial

About your discharge

Where is your septic tank / sewage treatment plant located?

Address Maes Merddyn, Carreglefn,

Ynys Mon

Postcode LL68 0PD

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 (opens in new tab)

238410 , 389140

What type of premises does your sewage treatment facility serve?

For example, the number of houses or a description such as a pub, café, restaurant, office and so on.

4 no 1 bed bungalow, 4 no 3 bed house

When did your discharge start?

When did your discharge start? (New or existing)

Before 1 April 2010 (existing discharges)

What is the maximum volume of effluent you will discharge in a day (in cubic metres)?

Tell us the maximum volume of effluent you will discharge in a day (in cubic metres)?

3.9

If your discharge comes from a single domestic property, use the table below to work this out.

Number of bedrooms in your house Daily volume (m³ per day) 1 to 3 1.4 to 6 1.5 7 to 8 2
If you are discharging sewage from premises other than a single domestic property (for example, from a group of houses, a guest house or a very large house), the volume should be worked out using the Code of Practice: 'Flows and Loads 4 – Sizing Criteria, Treatment Capacity for Small Wastewater Treatment Systems which is published by British Water. (opens in new window)

Show how you calculated the figure given in the box below or upload below:

1. Base flow rate (Flows & Loads 4)

From Flows & Loads 4, standard domestic flow = 150 litres/person/day

2. Population (P)

Using the CoP rules:

- 1-bed = 3 persons
- 3-bed = 5 persons

- 4 × 1-bed (2-person bungalows, but CoP says design for 3P):

→ 4 × 3 = 12 persons

- 4 × 3-bed houses:

→ 4 × 5 = 20 persons

Total P = 32 persons

3. Apply group reduction

P > 25, so CoP allows reduction:

- For 26–50P → × 0.8

- Adjusted P = 32 × 0.8 = 25.6 → round up = 26P

4. Daily flow calculation

- Flow = 26 × 150 L/day

= 3,900 litres/day

= 3.9 m³/day

What type of sewage treatment system will you be using to treat your effluent?

All sewage effluent must be treated before it can be discharged into the environment and new systems must conform to the relevant standards For new systems the supplier or manufacturer should be able to provide details For existing systems please provide any information you do have on the system If you tick 'other' please give us more details about the system in the box provided or on a separate sheet and upload it. Tick one box to show what sewage treatment plant you will be using to treat your effluent.

Package treatment plant that meets British Standard BS 12566

Please upload details of the sewage treatment system you'll be using

- File: Carreglefn Treatment Plant.pdf - [Download](#)

Your sample point

You must provide a sample point where a sample of your discharge can be safely taken before it has mixed with any other discharges.

This sample point is 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 ensure that your discharge passes through the sampling point at all times.

Please give the 12 character national grid reference for the sample point. 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 (opens in new tab).

238415 , 389152

Your discharge point

Tell us where effluent is discharged into the environment.

For discharges into surface water (i.e. rivers, streams, lakes, ponds etc) - this is the location where the discharge is made from the outlet pipe to the surface water. On some occasions discharges are made via surface water sewers owned by someone else before they discharge into a receiving water. Where this is the case the outlet will be the point where the surface water sewer meets the river, stream, ditch or canal.

For discharge into or onto land - this is the location where the effluent from the treatment system enters the infiltration system.

Please give the 12 character national grid reference for the discharge point. 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 (opens in new tab).

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Where will your treated effluent discharge to?

Sewage effluents are usually discharged to one location in one receiving environment.

If you are proposing to discharge multiple effluents, you must complete a separate application form for each effluent and submit the form, along with the correct application fee, for assessment.

Where will your treated effluent discharge to?

Into land (drainage field)

Discharges into land (drainage field)

A drainage field is a restricted and well defined area of ground designed to allow liquid to drain into the surrounding soil. It typically includes a system of sub surface perforated pipe.

When was your drainage field installed?

On or after 1 April 2010 (new)

Discharges into land (drainage field)

New infiltration systems (which means those installed after 1 April 2010) must be built to British Standard 6297:2007 + A1:2008. This ensures that the size of the drainage field is appropriate to the rate of discharge and the infiltration capacity of the ground, minimising the risk of pollution to groundwater.

Note that Building Research Establishment (BRE) 365 'soakaway design' guidance is not appropriate for the design of drainage fields to dispose of wastewater from septic tanks and packaged treatment works. BRE 365 guidance is used to design soakaways to dispose of storm water and to discharge the water sufficiently quickly to provide capacity to receive run-off from subsequent storms.

Does your drainage field meet the requirements of British Standard 6297:2007 + A1:2008?

Yes

Discharges into land (drainage field) after 1 April 2010

On what date did you carry out a percolation test and dig a trial hole in line with British Standard 6297:2007 + A1:2008?

* 29/05/2026

What is your percolation value (Vp) result (seconds per millimetre)?

Drainage field disposals should only be used when percolation tests indicate average values of Vp between 15 and 100 and the preliminary assessment of the trial hole tests has been favourable. The minimum value of 15 ensures that untreated effluent cannot percolate too rapidly into groundwater. Where Vp is above the limit of 100 effective treatment is unlikely to take place in a drainage field as there will be inefficient soakage in this location which may lead to sewage ponding on the surface.

Vp37.06

Please show in the table how you worked out the percolation value:

	Trial 1	Trial 2	Trial 3	Average
Hole 1	18	35	58	37.06
Hole 2	-	-	-	-
Hole 3	-	-	-	-
Hole 4	-	-	-	-

For sewage treatment plants:

	p	x Vp	x 0.20 = A (in square metres)
For sewage treatment plants	26	37.06	192.712

Discharges into land (drainage field)

Is any part of your infiltration system within 50 metres of a well, spring or borehole?

No (please skip the next question)

Is any part of your infiltration system within 10 metres of a watercourse?

No

Your site plan

Please upload your plan here

- File: 18026L-CCE-XX-XX-DR-C-0001-D2-P02_PROPOSED_SITE_LOCATION_PLAN.pdf - [Download](#)
- File: 18026L-CCE-XX-XX-DR-C-0004-D2-P02_PROPOSED_GENERAL_ARRANGEMENT.pdf - [Download](#)

Your management system

Your permit requires you (as the operator) to ensure that you manage and operate your activities in accordance with a written management system. This management systems identifies and reduces the risk of pollution.

You can find guidance on management systems and what to include in one on our website ([opens in new window](#)).

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

How do you want to pay?

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

Same as application contact

If a new contact, please provide details:

First name: Dafydd

Last name: Owen

Address: Council Offices, Llangefni, Ynys Mon

Postcode: LL77 7TW

Telephone: 01248752239

Email: dafyddowen@ynysmon.llyw.cymru

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.

BACS reference: PRD0290141

Amount paid: 2,983.00

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 ([opens in new tab](#)).

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?

Yes

Declaration

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	Dafydd
Last name	Owen
On behalf of (if applicable)	Isle of Anglesey County Council
Date (DD/MM/YYYY)	07/07/2026

If additional signatories are required, please complete the sections below.

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	Terry
Last name	Barton
On behalf of (if applicable)	Isle of Anglesey County Council
Date (DD/MM/YYYY)	07/07/2026

Submit your application

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

dafyddowen@ynysmon.llyw.cymru