

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/CB3893CC

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

First name: Paolo

Last name: Carnevale

Address: 35A Stow Park Circle

Postcode: NP20 4HF

Telephone: 07366 143 222

Email: paolo@bear-consult.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

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.

Telephone call and follow-up email with Ceri Malone (NRW) on 23 January 2026 confirming that redirecting all foul water to the treatment system authorised under Permit EPR/CB3893CC would require a variation to increase the permitted discharge volume.

It was also discussed with BPW that the existing permit EPR/AB3591CP may be surrendered following decommissioning of the associated treatment plant, once the variation to EPR/CB3893CC has been approved.

No changes are proposed to Permit EPR/BB3197FK (bike wash trade effluent).

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 seeks to increase the maximum daily discharge under Permit EPR/CB3893CC from 10.2 m³/day to 18.6 m³/day.

The increase is required to consolidate domestic foul flows currently authorised under Permit EPR/AB3591CP into the treatment system regulated by EPR/CB3893CC.

There is no change to the discharge location, receiving water, or emission concentration limits. No new pollutants are introduced.

Following approval of this variation and diversion of flows, Permit EPR/AB3591CP will be surrendered.

What type of change is this?

Normal

About your discharge

Where is your septic tank / sewage treatment plant located?

Address Beic Parcio Cymru Ltd
Gethin Woodland Centre, Merthyr Tydfil
Postcode CF48 1YZ

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)

SO0520703511

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.

Commercial leisure facility including visitor centre, café, accommodation units and associated staff welfare facilities.

When did your discharge start?

When did your discharge start? (New or existing)

On or after 1 April 2010 (new discharges)

Could your discharge be made to the foul sewer?

Is your discharge

From another type of premises (for example a pub, cafe, restaurant, campsite or office?)

Could your discharge be made to the foul sewer?

Discharges from all other premises, for example a pub, cafe, restaurant or office
Divide the volume of the discharge (in cubic metres) by 0.75 and then multiply this figure by 30 metres

	Volume of discharge (in cubic metres)	Divided by 0.75	Multiplied by 30 metres
Your premises	-	-	744

Is this distance you've calculated greater than the distance to the nearest foul sewer you've provided above?

No

Provide evidence why you cannot connect to the foul sewer

You must explain why you cannot connect to the foul sewer:

The site is located in a rural woodland setting and is not served by a nearby public foul sewer. The nearest public foul sewer is beyond the calculated reasonable connection distance.

The site is currently served by private sewage treatment systems operating under existing Environmental Permits. This application relates to a variation of an existing permitted discharge.

Connection to a public foul sewer is not reasonably practicable due to distance and site location.

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)?

18.5

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 1.5 4 to 6 1.5 to 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:

Maximum daily discharge calculated based on anticipated occupancy and use of visitor centre, café and accommodation units, as set out in the supporting foul drainage strategy (P0665Rc_02b). The proposed maximum daily discharge is 18.6 m³/day.

Upload how you calculated the figure given in the box below:

- File: P0665RC-02b - Foul Drainage Strategy.pdf - [Download](#)

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.

Other (please specify):

The proposed treatment system comprises a Klargester BioDisc NN (maximum recycle) followed by a Kingspan BioTreat 13 (TTM4) granular tertiary treatment module.

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

- File: 018316-03 BN BioDisc Installation Guidelines.pdf - [Download](#)
- File: 1012855-05 BioTreat 8-13 Horizontal Granular Tertiary Treatment Module Installation Guide.pdf - [Download](#)
- File: RE_ AC190017 _ P0665 - Bike Park Wales.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).

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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?

Freshwater river, stream, ditch or canal

Discharges to a river, stream, ditch or canal

Give the name of the watercourse, canal or the main watercourse it is a tributary of if you know it:

The name will usually be shown on an Ordnance Survey map. If the receiving water is unnamed, please indicate the named watercourse into which it flows, for example 'an unnamed tributary of the River Wye'

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Is the discharge into:

A river, stream or ditch

Does the watercourse dry up for part of the year?

We prefer effluent to discharge to watercourses which flow all year. Discharging to a seasonally dry watercourse may cause the effluent to pond which can cause odour and other local problems

No

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

No

Your site plan

Please upload your plan here

- File: P0665 c01c - Proposed Drainage Layout - Foul Water.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?

If a new contact, please provide details:

First name: Martin

Last name: Astley

Address: Gethin Woodland Centre

Postcode: CF48 1YZ

Telephone: 01685709450

Email: martin@bikeparkwales.com

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: EPRBIKEP0665

Amount paid: £3,098

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?

No

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	Martin
Last name	Astley
On behalf of (if applicable)	BikePark Wales
Date (DD/MM/YYYY)	12/02/2026

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Title	-
First name	Martin
Last name	Astley
On behalf of (if applicable)	BikePark Wales
Date (DD/MM/YYYY)	12/02/2026

Submit your application

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

martin@bikeparkwales.com