

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.

CG0123401

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

First name: Dominic

Last name: Enston

Address: Conwy Lodge Park

Postcode: LL32 8HZ

Telephone: 07749501944

Email: dominic@conwylodgepark.co.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

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.

From: Roberts, Eurn <Eurn.Roberts@cyfoethnaturiolcymru.gov.uk>
Sent: Friday, July 10, 2026 12:54 pm
To: Dominic Enston <dominic@conwylodgepark.co.uk>
Cc: Owen, Nathan <nathan.owen@cyfoethnaturiolcymru.gov.uk>; Ansawdd Dŵr (Gogledd Orllewin) / Water Quality (North West) <WQ-NW@cyfoethnaturiolcymru.gov.uk>; Environment Team Conwy / Tim Amgylchedd Conwy <ConwyEnvironmentTeam@cyfoethnaturiolcymru.gov.uk>
Subject: Conwy Touring Park: Permit pre-app PPN-01629 response



You don't often get email from eurn.roberts@cyfoethnaturiolcymru.gov.uk. Learn why this is important

Good morning,

I write in response to your permit variation pre-application on behalf of Nathan Owen and the Conwy Environment Team. This is to assist Nathan with his current extensive workload.

Thank you for supplying the Tekneka report regarding the treatment plant. Please attach a copy with your permit variation application.

It's noted that the Tekneka report states that the treatment plant is from 1985 and pre-dates modern design standards. After saying this, it would be good when you do submit your application for a permit variation, that any information that you have about the treatment plant design, and any drawings, be included with the application.

There are several aspects to the treatment plant design that would be useful to know as part of your permit variation application:

Effluent quality. What was the treatment plant designed to achieve in terms of effluent quality? In particular in terms of Biochemical Oxygen Demand, suspended solids, ammonia and possibly for total phosphate.

Type of treatment. It's noted that the process involves aeration followed by a filter bed. But do you know what type of aeration system? E.g. activated sludge, Biological aerated filter (BAF), or Submerged aerated filter (SAF)?

Flow diagram. A flow diagram / schematic would be useful to understand the process.

Solids settlement. There's no mention of any settlement tank or tanks to settle out solids in the Tekneka report. So how and where do solids get settled out?

Photos. A few photographs of the treatment plant and outfall would be a bonus.

Any treated effluent monitoring data that you may have over time would be useful, particularly for Biochemical Oxygen Demand, suspended solids and ammonia. Any data on phosphate, nitrate, pH and other determinants would also be useful if available. Any sample data at various stages of the treatment process to show its effectiveness that you already have would also be appreciated.

Information on your management system and maintenance regime i.e. daily / weekly / monthly checks, brushing down, desludging and proactive / reactive maintenance of motors etc and the filter beds would be appreciated.

It's noted that the nearest public sewers are in the village of Henryd, the hamlet of Groesffordd and on Llanrwst Road, Gyffin. Distances to these sewer locations can be supplied if the application form requires it.

In terms of wastewater type, does the sewage treatment plant receive drainage from a laundry, café, or swimming pool on site? And are any of these proposed as part of the increase in daily volume?

The following link will take you to the application form for a permit variation: [Natural Resources Wales / Change \(vary\) an existing permit for a discharge of domestic sewage](#)

I note that the permit variation fee on the above link, for discharges of the volume that you've got is: £5381. Our permitting team will contact you if the additional fee for a Habitats Assessment is needed. They won't know this until they start work on the application.

Please note that the submission of a request to vary a permit does not guarantee that the requested changes will be made.

In terms of timescales, permit applications and variations are typically taking around 6 months to process – once they've gone through the "duly made" process.

I hope that helps.

Yours,

Euryn Roberts

Uwch Swyddog / Senior Officer

Tim Amgylchedd Mon ac Arfon / Environment Team Mon and Arfon

Rhif ffôn / Phone number: 03000 653754 / 07768 906696

Logo Siarad Cymraeg / Speak Welsh Logo

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:

Increasing the daily discharge volume from 100 m3 to 191m3.

Further to answer the questions from Euryn in the Pre Application:

Treatment type is Biological Aerated Treatment

Flow Diagram is enclosed in the attachment

Solid settlement tanks are Tanks 4 & 5 which do also have aeration

Photos of treatment plant enclosed and of outflow point

Sample Data sets enclosed in the attachment

Sample Data enclosed in the attachment

What type of change is this?

Substantial

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

- File: 260106 Tekneka Sewage Treatment Report NRW.pdf - [Download](#)
- File: 260729 Conwy Sewage Treatment Overall.jpeg - [Download](#)
- File: 260729 Conwy Sewage Treatment Aeration & Tanks 1 - 3.jpeg - [Download](#)
- File: 260729 Conwy Sewage Tanks 1 - 3.jpeg - [Download](#)
- File: 260729 Conwy Sewage Tanks 4 + 5.jpeg - [Download](#)
- File: 260729 Conwy Sewage Treatment Filter Bed Chambers.jpeg - [Download](#)
- File: 260729 Outfall.jpeg - [Download](#)
- File: Flow Diagram.pdf - [Download](#)
- File: 2025 08 12 CG0123401 Compliance report CAR_NRW0049193.Pdf - [Download](#)
- File: 260721 ALS Test Certificate.pdf - [Download](#)

Where will you be discharging?

Please complete

Site name Conwy Lodge Park

Address Conwy Lodge Park
LLanrwst Road, Conwy

Postcode LL32 8HZ

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)

SH 78166 75331

About the effluent

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

Treated domestic sewage effluent

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.

Treated Effluent

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.

Domestic sewage – 20m³ a day or more discharged to surface water or 15m³ a day or more discharged to groundwater. Any discharge to groundwater via a borehole, well or other deep structure.

Domestic sewage: 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.

* 01/12/2026

For seasonal discharges which only occur for part of the year, tells us when the discharge will take place. Where a discharge will continue at a significantly lower rate over a period you should complete this question and also send in details of the seasonal variation. For example, campsites which are closed in winter but have a residual throughput from residential properties on site all year.

Will the discharge take place all year?

Yes

Will the discharge take place on more than six days in any year?

If you answer 'no' you must be able to comply with the requirement to discharge on six days or fewer in any year as this will be a permit condition. It would apply only to batch processes such as the emptying of fish rearing ponds or planned shutdowns of plant or equipment.

Yes

Domestic sewage: How much do you want to discharge?

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

This is the maximum volume that will be discharged in any day. You must ensure that you choose a volume you can always comply with.

For guidance on calculating the volume use the Code of Practice: 'Flows and Loads 4 – Sizing Criteria, Treatment Capacity for Small Wastewater Treatment Systems which is published by British Water.

191

Tell us how you have calculated this figure in the box below, or upload a copy of your workings in the next question.

As discussed with NRW previously, calculations based from British Water Flows and Loads with 150L/person in a mobile home per day. Calculation based on 4 persons per mobile home = $150 \times 4 = 600\text{L/unit}$. 317 Static Caravans @ 600L/Unit equates to 190.2 Cubic Meters of discharge.

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 from other premises be made to the foul sewer?

How far away is the nearest foul sewer from the boundary of the properties (in metres)?

You will need to check this with your sewerage undertaker (usually your local water company) and you may also need to check if it is possible to connect to a private foul sewer. Measure the shortest distance between the boundary of premises served by the private sewage treatment system and the nearest foul sewer and/or private sewer.

0.7km

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	191	255	7639

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

Yes

Domestic sewage: 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	02 Package treatment plant
Second treatment	03 Filtration tertiary
Third treatment	-
Fourth treatment	-

Final effluent discharge quality

You must provide details of the final effluent discharge quality that the overall treatment system is designed to achieve. This should be after all the stages of treatment you have listed in the table above. For discharges of treated domestic sewage effluent this must include biochemical oxygen demand, suspended solids and ammonia. For trade effluent discharges, the substances should reflect the substances that are likely to be present in the final effluent discharge.

Please upload this and any supporting documents here.

- File: Final Effluent Discharge Quality.pdf - [Download](#)

Domestic sewage: What will be in the effluent?

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

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

You must also send us any information on samples that you may have

- File: 2025 08 12 CG0123401 Compliance report CAR_NRW0049193.Pdf - [Download](#)
- File: 260429 Cheshire Scientific Results.pdf - [Download](#)
- File: 260721 ALS Test Certificate.pdf - [Download](#)

Domestic sewage: Monitoring arrangements

Please provide 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.

A 12 character national grid reference 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: gridreferencefinder.com

SH 78166 75331

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 etc.

No

What is the 12 character national grid reference of the flow monitoring point?

A 12 character national grid reference 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 gridreferencefinder.com

SH 78166 75331

Does the flow monitor have an MCERTS certificate?

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

You must send a suitable summary of your management system with your application – that includes enough information to allow us to assess whether your full system meets the standards set out in our guidance.

- File: 260729 Management Plan Summary.docx - [Download](#)

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

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

	Discharge point name	National grid reference	Watercourse name	Name of effluent discharged through this discharge point
1	Outlet 1	SH 78188 75333	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

Is the discharge into a

Stream

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

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:

Title	-
First name	Dominic
Last name	Enston
Address	Conwy Lodge Park, Llanrwst Road, Conwy
Postcode	LL32 8HZ
Telephone	07749501944
Email address	dominic@conwylodgepark.co.uk

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: EPRCONWYLO0001

Amount paid: 5381.00

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

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	Dominic
Last name	Enston
On behalf of (if applicable)	N/A
Date (DD/MM/YYYY)	30/07/2026

Submit your application

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

dominic@conwylodgepark.co.uk

language selection

en