

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

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.

AN0032601/SW

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

First name: Wayne

Last name: Jones

Address: 170 Commercial St Senghenydd

Postcode: CF83 4GB

Telephone: 07733315185

Email: wayne.jones@bsw.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.

CAR_NRW0044343 - WQ-C1 Advises that we review site staffing to ensure that the volume of discharge is <5m3/day (sewage effluent) as per condition 6 of our permit.

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

No

If yes please tell us what has changed

CAR_NRW0044343 - WQ-C1 Advises that we review site staffing to ensure that the volume of discharge is <5m3/day (sewage effluent) as per condition 6 of our permit.

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:

CAR_NRW0044343 - WQ-C1 Advises that we review site staffing to ensure that the volume of discharge is <5m3/day (sewage effluent) as per condition 6 of our permit. We have reviewed the site manning numbers and we exceed the current discharge volume

What type of change is this?

Normal

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

- File: Compliance Assessment Report 2024.pdf - [Download](#)

Where will you be discharging?

Please complete

Site name BSW Timber
Address Newbridge on Wye Sawmill
Newbridge on Wye, Builth Wells, Powys
Postcode LD2 3RU

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/>

SO 02163 56207

About the effluent

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

Run off water

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.

Run Off Water

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.

Mixed effluent – all effluent volumes - a mix of more than one trade effluent (known volume) or trade effluent and domestic treated sewage which share a treatment facility and common monitoring point

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.

* 22/07/2024

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.

6900

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

115 employees discharging at a max rate of 60ltrs per person per 24hr period

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.

3200

Mixed effluent – all effluent volumes: 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.

* 15/07/2024

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

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.

3218

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	6.3	8.4	252

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 nearest foul sewer is approximately 2 miles away and is impractical in the rural environment in which we are situated. We are only applying for the variation for run off water as all sewage waste is captured by septic tanks and a biodisc. All run off waste is treated by discharging through a reedbed network and water is sampled at an NRW discharge point. I have spoken to Welsh Water and purchased the water and sewage maps from them to determine locations and distances etc, and during the conversations they agreed that it is not reasonably practical to connect to the sewage network. The calculations on the previous page are worked out as such:
115 (employees) * 55 (ltrs pp) / .75*30 as advised in the CAR raised by NRW. There has been no formal application to sewage undertakers, only advice from Welsh Water, who advise impracticality of connection based on distance as stated.

Mixed effluent – all effluent volumes: How much do you want to

discharge?

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

5.5

What is the maximum rate of discharge (in litres a second)?

Unknown

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

Advice from NRW to use existing data (none of which exist on current consent to discharge permit (AN0032601) and calculations to include the table of loadings for sewage systems under the British Water sizing criteria for flows and loads. I need to stress that we are only talking about run off water and not foul sewage.

Show how these figures were calculated

- File: Permitting documents from December 1987 part 1.pdf - [Download](#)

Mixed effluent – all effluent volumes: How will the effluent be treated?

Do you treat your effluent?

Yes

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

All sewage is contained in septic tanks and treated by a Biodisc. Some Effluent from wash bays passes through interceptors into a reedbed system before discharging onto a local stream and other effluent (site run off) enters the same reedbed system. All effluent passes through the reedbed network (document attached).

Water quality is sampled and tested by our 3rd party providers (JPR Environmental Services) with site consent limits set at the following:

BoD - 10mg
SS - 80mg/l
pH - 9

Monitoring result for 2024 conform to the consent limits and are attached. Average rainfall figure for Wales = 855 mm (33.5 in) per year (Met office)

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	06 Septic tank
Second treatment	19 Interceptor
Third treatment	Biological filtration
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: TR_N_Env_001 Reed bed management system 2024.pdf - [Download](#)
- File: Water quality test results for the visit on 25th April 2024.docx - [Download](#)
- File: Water quality test results for the visit on 25th April 2024.docx - [Download](#)

Mixed effluent – all effluent volumes: 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.

Yes

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.

Yes

If you have answered yes to either of the above two questions, please fill in the table below or upload further information on a separate sheet.

	Substance	Unit	Maximum concentration	Minimum concentration	Average concentration	Number of samples	Total or dissolved
	Hydrocarbons	mg/l	Unknown	Unknown	Unknown	0	Dissolved
	Tannin	mg/l	Unknown	Unknown	Unknown	0	Dissolved
	Detergent	mg/l	Unknown	Unknown	Unknown	0	Dissolved
	Permethrin	mg/l	Unknown	Unknown	Unknown	3	Dissolved
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

If you have answered 'yes' to either of the above two questions, you can upload further information as a file attachment

- File: W0023 BSW Newbridge SGWMP.pdf - [Download](#)

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

- File: W0023-SCR Rev00 Apr 22.pdf - [Download](#)

Your management systems

What management system will you provide for your regulated facility?

Own management system

ISO 14001

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: Draft report with DB Notes.pdf - [Download](#)
- File: BM TRADA Your Cert Marks 2023_CYNHMM.pdf - [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

If yes, please give details:

Some effluent absorbs onto land and purpose made soakaways within our boundary. All run off eventually feeds into our reedbed network and biologically filters through the Rhizomes within. Other run off goes into interceptors and eventually feeds into the same reedbed network before being discharged into a local stream

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	NRW Sample Point	SO02160 56205	River Ithon	Site Run Off Water
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

Site plan

If the changes you're making involve moving outlets or updating grid references for your activities, you will need to provide an updates 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: TR_N_Env_001 Reed bed management system 2024.pdf - [Download](#)

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	Simon
Last name	Margetts
Address	Newbridge on Wye Sawmill, Builth Wells, Powys
Postcode	LD2 3RU
Telephone	01982 552406
Email address	simon.margetts@bsw.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: Discharge consent variation

Amount paid: £3007

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: NRW Authorisatioin Letter.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	Wayne
Last name	Jones
On behalf of (if applicable)	BSW Timber
Date (DD/MM/YYYY)	03/09/2024

Submit your application

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

wayne.jones@bsw.co.uk