

Application for an environmental permit: Part B6.5 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

Please give details of the individual, or where relevant for groups or organisations of individuals, the main representative.	
Title:	Mr
First name:	Dan
Last name:	Bourne

Who will be named on the permit?
An individual

Your address

For companies this must be the address on record at Companies House.	
Address	Ty Dda Farm Penylan Fields Varteg
Postcode	NP4 7SA
Telephone - mobile	07791789067
Telephone - office	07791789067
E-mail address	bournegroundworks@gmail.com

Agent or others acting on behalf of the applicantIf you want us to contact an agent or another person not named above, their details must be provided below. This can be someone acting as a consultant or an 'agent' for you.

Title	Mr
First name	James
Last name	Griffiths
Address	31 Castle oak Usk Monmouthshire
Postcode	NP15 1SG
Telephone - mobile	07969446621
Telephone - office	07969446621
E-mail address	griffithsdesign@outlook.com

About this application

Have you spoken to us already about this application?If you have had discussions with us before your application, give us the case reference or details.

CAS-114443-H5B0

About your sewage treatment facility: The term 'sewage treatment facility' is used throughout this application form. That term is explained in more detail in the guidance document that accompanies this application form. Where is the sewage treatment facility?

Address	Ty-Dda Farm Penylan Fields Varteg
Postcode	NP4 7SA
Telephone - mobile	-
Telephone - office	-
E-mail address	-

National Grid Reference for the centre of your sewage treatment facility (12 digit)

326680 , 205561

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. You can find guidance on management systems in the guidance notes to part B6.5 and on our website. Please tick the box below to confirm this.

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

About your discharge

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.

Dwelling

When did your discharge start? (New or existing)

On or after 1 April 2010 - New

New discharges only

How far away is the nearest foul sewer from the boundary of the premises (in metres)? Foul sewer means public or private foul sewer. 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 sewer.

130 N/a to far to discharge into public sewer

If your answer to the above question is greater than the distance to the nearest foul sewer, you must explain why you cannot discharge your effluent into the foul sewer. Before you submit the application, you must explore the possibility of connecting to the foul sewer, and send us evidence that you have approached the sewerage undertaker, including their formal response regarding connection, if relevant. You must also show the extra cost of connecting to a sewer compared to the treatment system you propose, and details of any physical obstacles for example roads, railways, rivers or canals. We will only agree to the use of private treatment systems within sewered areas if you can demonstrate that: the additional cost of connecting to the foul sewer would be unreasonable connection is not practically feasible, or the proposed private treatment system can be shown to significantly benefit the environment. We are unlikely to grant a permit for a discharge of treated domestic sewage in circumstances where a private sewerage system is being proposed due to a lack of capacity in the nearest public sewerage network. The guidance document which supports this application will help you understand what information you need to provide in order to answer this question.

Please provide your explanation below:

Has been agreed with Andrew Hurst of NRW that connection into mains sewer is unviable and agreed that Private treatment plants is acceptable.

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

What is the maximum volume of effluent you will discharge in a day (in m3)?

1

Show how you calculated the figure given in the box below.

Single dwelling with three bedrooms.

Your sample and discharge points

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

Package treatment plant that meets British Standard BS 12566

Sample Point location This does not apply if you are discharging to ground up to 5 cubic metres (5m3) a day from an existing system. You must provide a sample point where a sample of your discharge can be safely taken before it has mixed with any other discharges such as rainwater run off if you are making: • an existing or new discharge to surface water • an existing discharge to groundwater and the volume is more than 5 cubic metres (5m3) a day • a new discharge to groundwater You must also identify it on your plan. Tell us where your sample point is:

Same as outlet point

Discharge point location Please give the national grid reference for the discharge point (12 digit)

326680 , 205561

Where will your treated effluent discharge to? 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.

Into land (drainage field)

Discharges into land (drainage field)

Is your infiltration system new or existing?

On or after 1 April 2010 (new). You must answer the next five questions

Is your infiltration system designed and built to British Standard 6297:2007 + A1:2008?

Yes

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

* 18/07/2020

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

43

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

	Trial 1	Trial 2	Trial 3	Average
Hole 1	6450	6800	6100	6450
Hole 2	6000	6300	6600	6300
Hole 3	6600	6700	6500	6600
Hole 4	6300	6500	6400	6400

If known, mark on the plan you have provided the extent of the infiltration system. Please write on the plan the length and width of the sides in metres. Please tick below to indicate this is complete

This is complete

For sewage treatment plants:

	p	x Vp	x 0.20 = A (in square metres)
For sewage treatment plants	2	43	17.20

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

No (please skip the next question)

Is the well spring or borehole you have identified used to supply water?

No

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

No

Your site plan (see guidance note to part B6.5)

Please upload your plan here

- File: 03D.pdf - [Download](#)

Payment

What date do you want the permit for this effluent to start? Please note that this is the date that your annual subsistence charges will start, even if you have not started to discharge, unless you contact us to change (delay) the start date.

* 03/03/2021

Will the discharge take place all year?

Yes

Is the maximum volume of effluent you will discharge five cubic metres (m3) or less a day?

Yes - The reduced fee applies and you do not have to pay an annual subsistence charge.

Who can we talk to about your billing or invoice?

Same as application contact

How do you want to pay for your application fee?

Credit or debit card

Data Protection

You can ask for information to be made confidential by ticking the box below and enclosing a letter with your application 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. Confidentiality is unlikely to be applicable for a small-scale sewage discharge except for information about ex-directory telephone numbers. In those cases please write to tell us that information should not go on the public register. Only tick the box below if you wish to claim confidentiality for your application.

Please treat the information in my application as confidential

Declaration

Are you signing the form on behalf of a relevant person? If you are not a relevant person, but want to sign the application on their behalf, you must include confirmation that you can do this.

I have included written confirmation from a relevant person to confirm I can sign on their behalf

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	Mr
First name	James
Last name	Griffiths
On behalf of (if relevant)	Dan Bourne
Today's date	03/03/21