

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:	Director, Home Farm Court Management (Wales) Ltd
First name:	Neal
Last name:	Topley

Who will be named on the permit?
A registered company or other corporate body

A registered company or other corporate body

Please provide details below:	
Company name	Home Farm Court Management (Wales) Ltd
Company registration number	5538641
Date of registration (DD/MM/YYYY)	04/01/2007

Contact name for the company	
Title	Director
First name	Neal
Last name	Topley

Your address

For companies this must be the address on record at Companies House.

Address	9 Home Farm Court Shirenewton Chepstow
Postcode	NP16 6RL
Telephone - mobile	07747112487
Telephone - office	01291641308
E-mail address	nealandsue.topley@gmail.com

Agent or others acting on behalf of the applicant

If 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	Mark
Last name	Valiant
Address	6 Home Farm Court, Shirenewton Shirenewton -
Postcode	NP16 6RL
Telephone - mobile	07769743340
Telephone - office	01291641724
E-mail address	markvaliant@live.co.uk

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.

N/A

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 Home Farm Court

Shirenewton

Chepstow

Postcode NP16 6RL

Telephone - mobile -

Telephone - office -

E-mail address -

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

ST 47446 93279

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.

10 houses

When did your discharge start? (New or existing)

Before 1 April 2010 - Existing

If existing, when was it built (DD/MM/YYYY)?

04/01/2007

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

There are two charges depending on volume of the discharge. Anything below 5 cubic metres costs £129 and over 5 cubic metres is £912.

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

3.75

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

Water meter records from the 2 x Water Meters (Welsh water) over the past 10 years indicate that the combined average supply to Home Farm Court, per year, is approximately between 3.4 and 3.8 Cu Metres. On the basis that the houses cannot discharge more than they receive, it is extremely unlikely that discharge to the Septic tanks and ground soakaways would exceed 4 CuM. (NB. There are also 2 external taps, which are used to provide water for watering shrubs and flowers, and these are also included in the Water Meter values of 2.4-3.8 Cu M per day).

Using the domestic property guidance may not appear appropriate, given that maximum adult occupation varies between 1 and 2 people per property. Our estimated 'High' average would be based on nearly 2 adults per house (most are retired, semi-retired and there are no children), which could compute to 19×0.15 Cu Metres per day = 2.85 CuM. Nevertheless, the water meter supply records provide the conclusive evidence.

Your sample and discharge points

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

Other (please provide design details):

Two Infiltration systems exist at Home Farm Court: 1. The 1st Septic Tank was installed in the 1960s, and the BS used then is not known, nor are there any records of compliance.

2. The 2nd Septic Tank (double chamber) was installed in or around 2005/2006 by Eddy Haywood Construction, and was believed to be to the the Bristish Standard 6297 of 1983 (not confirmed)

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

National grid reference for sample point (12 digit)

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Discharge point location

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

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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) after 1 April 2010

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

No

If no, please provide details of the design criteria used for your infiltration system. You must justify why it is not designed to British Standard 6297:2007 + A1:2008.

The 2 x Septic Tanks (infiltration systems) at Home Farm Court comprise:

1. A Septic Tank that was installed in the 1960s, and neither the BS used then is known, nor are there any records of compliance.
2. A second Septic Tank (double chamber) that was installed in or around 2005/2006 by Eddy Haywood Construction, and was believed to be to the British Standard 6297 of 1983 (not confirmed). The date of these installations obviously precedes the BS 6297:2007 + A1:2008 dates.

Therefore, these Septic Tanks should be classed as "Existing Pre-2010 discharge regulations/guidances."

We can demonstrate that average Water Supplies to all 10 houses including the 2 outside taps used for watering shrubs, flowers and fruit trees, are less than 3.9 Cu Metres per day. Also, the 2 Septic Tanks are contained within 6 acres of grounds, which are part of the 10 residents' communal grounds. Surrounding land beyond our estate borders the farming land owned by the local farmer.

NB. DATE AND PERCOLATION TEST PROVIDED AT NEXT QUESTION IS OBVIOUSLY WITHOUT PROVENANCE, GIVEN THAT WE CANNOT PROCEED WITH THE FORM WITHOUT COMPLETING THE DATE QUESTION!

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

* 01/01/1965

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

N/A

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

	Trial 1	Trial 2	Trial 3	Average
Hole 1	0	-	-	-
Hole 2	0	-	-	-
Hole 3	0	-	-	-
Hole 4	0	-	-	-

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

Please show us how you have calculated the area (A) of your infiltration system:

$p \times Vp \times 0.25$ for septic tanks = A___ Square metres

or

$p \times Vp \times 0.20$ for sewage treatment plants = A___ square metres

p is the population based on maximum occupancy

Vp is the percolation value in seconds per millimetre

	p	x Vp	x 0.25 = A (in square metres)
For septic tanks	20	30	12

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: Screenshot _FEB 2023_Home Farm Court Estate_2 x Septic Tanks Approx Location.png - [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.

* 01/04/2023

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 (£129) 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

If a new contact, please provide details:

Title	Mr
First name	Neal
Last name	Topley
Address	9 Home Farm Court Shirenewton -
Postcode	NP16 6RL
Telephone (mobile)	07747112487
Telephone (office)	01291641308
Email address	nealandsue.topley@gmail.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	EPRHOMEFARMC0001
Amount paid	£129.00

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	Mr
First name	Neal
Last name	Topley
On behalf of (if relevant)	Home Farm Court Management (Wales) Ltd
Today's date	19 Feb 2023

Submit your application

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

nealandsue.topley@gmail.com