

Application for an environmental permit: Part B7 – New bespoke groundwater activity permit to discharge used sheep dip

About you

Please give details of the individual, or where relevant for groups or organisations of individuals, the main representative.

Title: mr
First name: David
Last name: Gambold

Please provide details below. Are you applying as an individual, an organisation or group of individuals' (for example, a partnership), a company (this includes Limited Liability Partnerships) or a public body?

An individual

Your address

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

Address betlands farm
llandewi
gower
Postcode sa3 1bd
Telephone 01792390039
Email address willgambold@live.co.uk

1. Pre-application discussions

Did you have pre-applications discussions with Natural Resources Wales about this activity?

No

Where will you be discharging?

Please complete

Site name betlands farm

Address llandewi
gower

Post code sa3 1bd

Please provide the 12 character national grid reference of the centre of the field where the disposal would take place. 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/>

SS454895

Discharge area

Does the discharge area have a field number? You may find the field number on an IACS map or an Ordnance Survey Landlines map

Yes

If 'Yes', please give field number below
SS4589 4254

How big is the discharge area? Please give the measurements in metres or the area in hectares

2.02343

Is your discharge area a field?

Yes

Tell us about the local environment

From where do you get your water supply? If you're not using mains water make sure you mark the location of your water supply on the site plan we ask you to provide. Choose from the options below.

Mains water

Within 500 metres of your discharge area, are there any other drinking water supplies which are not mains water. This could include water supplies used by your neighbours. Please make sure these are identified on the site plan.

No

Tell us about the soil

How deep is the topsoil?

Moderate (21 to 30 centimetres)

What is the texture of the soil? Tick as many boxes as you think are appropriate

Loamy

Fine grained

Does soil have high organic matter content? High organic matter content is normally associated with: • peaty soils • soil which has a darker colour and smoother feel; and • better aggregation in sandy soils; and weaker clods and finer tilth in clays

No

Tell us about how the soil drains

How does the soil drain?

Freely – rainfall drains almost immediately

Tell us about any drains which exist beneath the disposal area. Pollution problems are greatest in land where the type of drainage system results in run-off to surface water (surface drains) or rapid leaching to groundwater via soil by-pass (stone drains, permeable backfill, mole drained or sub-soil drained). Does the field have under drains or land drains?

No

Do you have any information that shows how deep the groundwater is below the discharge site? This could include the depth to groundwater in any boreholes or wells near the discharge site or information on any springs that emerge in or around the discharge area.

There are no boreholes or wells near the discharge area. There are no Springs in or around the discharge area

Site plan

You must provide a site plan for your proposed discharge. We cannot process your application without one. On your plan you must show: • the boundaries of the proposed discharge area • the ownership or tenancy boundaries – this is in case we need to suggest another discharge area • water and land features within 500m of the discharge area – water features include wells; springs; boreholes; seepages and solution features, such as sink-holes; lakes; ponds; rivers, streams and field ditches that may be dry for part of the year • any nearby designated sites (for example, Special Areas of Conservation (SACs), Sites of Special Scientific Interest (SSSIs) For the plan of the area, you could use Ordnance Survey maps at scales of 1:1 250 to 1:2 500 scale or a copy of an Integrated Administration and Control System (IACS) map. We will use the plan as the basis for a permit, so it must be as clear as possible Please upload your plan below

- File: OS Maps_ online mapping and walking, running and cycling routes.pdf - [Download](#)
- File: Detials for discharge area.docx - [Download](#)

Tell us about the vegetation in your disposal area

Describe the vegetation cover and what else the land is used for at the time you will be discharging the used sheep dip. For example, left fallow, rough grazing, meadow, crop (please say which types), not in general agricultural use. We ask this because vegetation can affect how well the substances being discharged are absorbed and broken down. Discharges cannot for example be made to bare soils. It will also help us decide if the land is in general agricultural use or is only being used for the disposal of used sheep dip. We can only accept applications for disposal to land which is in general agricultural use.

the land is down to perment pasture.

Describe any changes in vegetation cover or use of the land during the year For example, different cropping systems, rotation and so on.

The land will stay in perment pasture

Tell us more about what you're discharging and how you'll be make the discharge.

Please tell us what you are planning to discharge. If you have a copy, please include the product data sheet with your application.

Organophosphate (OP) dip

Do you plan to collect used dip from other farms to discharge on your site? Tell us if you'll be collecting used sheep from different farms to then take elsewhere for disposal. This is most likely to be the case if you are operating as a mobile sheep dipping service. This will help us provide additional guidance to you on safe storage and disposal of used dip. You will be required to keep records of each site you collect used dip from

No

Will you dilute the used sheep dip before you discharge it? Diluted' means when the working-strength dip is diluted to make it easier to dispose of and help limit the effect on the environment. It does not mean diluting the concentrate to working strength. Normal dilution for spreading sheep dip is 1 part used sheep dip to 3 parts slurry or water.

Yes - I add slurry or water to the working strength used dip to dilute it before it is discharged

Please give the maximum amount of used sheep dip you discharge onto land in one day

The total volume per year of used sheep dip (at working strength) discharged must be 5 cubic metres or less. We will be unable to accept applications for a permit which seeks to dispose of more than 5 cubic metres of used dip to land. Any applications received will not be duly made and will be returned to you. If you wish to dispose of more than 5 cubic metres of used dip per year you should use a registered waste carrier to collect the used sheep dip for disposal at a waste treatment facility. A. Please tell us the amount of used working strength dip in cubic metres per day

1 cubic metre.

B. Amount of slurry or water added to dilute the dip for disposal purposes in cubic metres per day

3 cubic metres of water

Add 'A' plus 'B' to give total cubic meters discharged per day. Total for disposal (A + B) = total cubic metres for disposal. Please add below

4 cubic meters

Please tell us how you have calculated the amount of used work strength dip you'll be disposing of each day (A). This could be based on the number of sheep being dipped and the frequency that dipping takes place. If you are collecting dip from other premises provide the details on how you've calculated the total volume based on each of the farms the used dip will originate from. To minimise the risk to the environment we must ensure that our permits reflect the actual volume of used dip that needs to be discharged to land.

Dipping will take place once a year in the autumn. We will only be dipping our own sheep.

The dip will be only be dipping between 600 to 800 sheep. One 5 liter dip container (Golden fleece) will be purchased.

The dipping bath being used is on a dipping trailer, where the size of the dip is 1000 liters (1 cubic meter).

That is all the waste dip that we will have for a year

How often will you discharge used sheep dip?

How many times a year will you discharge sheep dip?

once a year

When will you discharge used sheep dip?

October

How you discharge the used sheep dip?

How will you discharge the used dip?

Vacuum tanker

Give the application rate of your discharging equipment.

We will use 1 cubic meter of working sheep dip to 3 parts water to dispose of the dip. Meaning we will have 4 cubic meters of watered down dip to dispose of. The tanker used spreads at approximately 20 cubic meters per hectare

Your ability as an operator

What management system will you provide for your regulated facility?

Own management system

Does your management system meet the conditions set out in our guidance?

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: Waste management plan.docx - [Download](#)

How do you want to pay?

Who can we talk to you about your billing or invoice?

Same as application contact

How do you want to pay for your application fee?

Credit or debit card

Paying by cheque or postal order

You should make cheques or postal orders payable to 'Natural Resources Wales' and they should be marked 'A/C Payee'. We will not accept post-dated cheques (cheques with a future date written on them).

Cheque/postal order number	Cheque will be sent in the post once we've had correspondence with Natural resources wales
Amount paid	390

Data protection and national security

How we collect your personal data The information provided by you will be processed by Natural Resources Wales in line with the GDPRs Data Protection Principles. This will to enable us to process your application; to monitor compliance with any permit conditions; to process renewals, and to maintain the relevant public register. We will process the information you provide in connection with the following: Consultation with third parties who are relevant and responsible for responding to consultation requests from us to enable us to process your application Carrying out statistical analysis, research and development on environmental issues Providing public register information for enquiries Preventing and investigating possible breaches of environmental law and taking any resulting action Responding to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 If you have any further queries or concerns, please contact dataprotection@naturalresourceswales.gov.uk For further information on the processing of your personal details please see our Privacy Notice page.

Please treat the information in my application as confidential

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	David
Last name	Gambold
On behalf of (if applicable)	Mr David Gambold
Date	8/8/2021