

GWSW1794

Compliance Inspection was undertaken on 05/07/02 and was found to be satisfactory with no review required.

Letter was sent.

The copies of the compliance inspection and the letter are missing.

GROUNDWATER (SHEEPDIP DISPOSAL) INSPECTIONS

REF GWSW	FARM NAME	DATE VISITED	COMMENTS	LETTER SENT	FILE RETURNED
1	1241 HIGHFIELDS	24/01/2002	INFORMATION REQUIRED	YES	YES
2	1072 PANTE	05/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
3	1738 PANTYBUGAIL	05/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
4	649 BLAENBRYN	10/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
5	1890 BLAENFFYNNON	12/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
6	353 NANTYCLAWDD UCHAF	12/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
7	453 CWMCNEIFION	19/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
8	1722 LAN	28/06/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
1	1441 LLWYNNONNILL FAWR	02/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
2	1720 LLANDRE	05/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
3	1794 DIVEYN	05/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
4	1817 CNWCDEILOG	05/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
5	1071 BLODEUWEN	10/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
6	523 LLYSYWERN	10/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
7	1616 CRACHDY UCHAF	14/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
8	1878 GURNOS	16/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
9	324 NANTGWYN	16/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES
10	480 Tynywaun	16/07/2002	SATISFACTORY - NO FURTHER ACTION	YES	YES

Customer details

the item is addressed to

A E Jones

Maes yr Afon

Alycwm, Llandovery
Carns

Postcode SA20 0ST

Barcode number

RW 6069 4375 5GB

date of posting

22.00

Post Office from which the item was sent

Delivery details

☐ it was delivered to/called for by

name

G. Jones

signature

G Jones

☐ it couldn't be delivered

because

on (date)

5/2/2000

Officer's signature

[Signature]

date/stamp

5 - 2000

LLANDOVERY



- 7 FEB 2000

this card is to be posted back to this address

**W.Q.C.O.
Environment Agency Wales
154 St. Helens Road
SWANSEA
SA1 4DF**

1

Postal
Service

AD

Customer details

the item is addressed to

Jw - D E Jones

Diulyn Farm

Cilycwm

Llandovery

Postcode SA20 0UA

Barcode number

RW 6069 4370 7GB

date of posting

4.2.00

Post Office from which the item was sent

Delivery details

☐ it was delivered to/called for by
name

A. Jones

signature

A Jones

☐ it couldn't be delivered
because

on (date)

5/2/00
19

Officer's signature

R Jones

date stamp

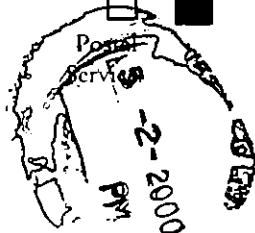
5/2/00

LLANDOVERY



this card is to be posted back to this address

**W.Q.C.O.
Environment Agency Wales
154 St. Helens Road
SWANSEA
SA1 4DF**



- 7 FEB 2000

AD



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref: RC/GWSW1794

Eich cyf/Your ref:

Dyddiad/Date: As postmark

J.W. & D.E. Jones
Divlyn Farm
Cilycwm
Llandovery
SA20 0UA

Dear Sir/Madam

GROUNDWATER REGULATIONS 1998

GROUNDWATER AUTHORISATION NO.	GWSW1794
ISSUED TO:	J.W. & D.E. Jones
FOR THE SITE AT:	Divlyn Farm, Cilycwm, Llandovery

I am writing to inform you that your application for a Groundwater Authorisation has now been approved. You have been given Authorisation Number GWSW1794 and I would be very grateful if you would quote this reference in any future communications.

Please find a copy of your Authorisation enclosed. This is a legal document so please ensure that you store it away safely.

Your Authorisation now allows you to dispose of **spent sheep dip** at Divlyn Farm, Cilycwm, Llandovery provided that you do so without breaching any of the conditions of your Authorisation. If you do not understand any of the conditions or need an explanation, please contact me without delay at the address below.

In future, your circumstances may change, and we both may have concerns which may need to be sorted out. I have therefore explained below what may happen in relation to your Authorisation.

- Your Authorisation will end on the 1 February, 2012. It is your responsibility to ensure that you contact us a reasonable time prior to the end date of your Authorisation if you wish to continue to dispose of spent sheep dip at Divlyn Farm, Cilycwm, Llandovery. We will need to reassess your Authorisation at that time to ensure that any risk to the environment is still adequately controlled. Provided that there is no reason to cancel the permission, an extension to the Authorisation will be issued at no additional cost.

Asiantaeth yr Amgylchedd Cymru
Glan Tawe, 154 Ffordd Sant Helen, Abertawe SA1 4DF Ffon: 01792 645300 Ffacs: 01792 648652

Environment Agency Wales
Glan Tawe, 154 St. Helens Road, Swansea SA1 4DF Tel: 01792 645300 Fax: 01792 648652



- Your Authorisation applies only to the named holder making a disposal onto the area of land specified in the Authorisation. Therefore, if you move, you can not take your Authorisation with you and continue to dispose at another location. However, the holder of an Authorisation may transfer the Authorisation to another named person for use of the **same disposal area of land for the same purpose**. This must be done prior to any disposal by the new occupier, and the current holder must inform the Agency of the transfer to the new holder.
- Your application states that you intend to use a vacuum tanker to spread the spent sheep dip onto land. This equipment is unable to spread at a sufficiently low rate to prevent overloading of the soil with poisonous substances. However it may be used if the waste dip is diluted in the ratio of 1 part working strength dip to at least 3 parts of water or slurry before disposal onto land. Condition 10 of your Authorisation requires that the waste dip is diluted 1:3 according to these recommendations.
- Please be aware that there is an Annual Charge payable for your Authorisation. The current Charge is £107.33. You will have been billed for this amount by our finance department. The Annual Charge may be changed at the beginning of any financial year from the 1 April.
- In the future, you may find that you do not need to dispose of spent sheep dip. In this case, please write and ask for your Authorisation to be revoked. After we have received your written request and we have confirmed that no Authorisation is required, we will instruct our finance department to stop billing you. A refund will be given, pro rata, depending on date the Authorisation is revoked. There will not be a refund for the period before revocation.

You can apply to us at any time to review the conditions of your Authorisation if, for example, you wish to increase the annual quantities disposed of. You must complete another application to do this and pay a fee.

The Authorisation will be reviewed at intervals of 4 years to take account of changes in circumstances. We may also change the conditions of your Authorisation if we think it is necessary to do this in order to prevent pollution of the environment. We will try to ensure that any such changes do not cause an unreasonable cost on your part.

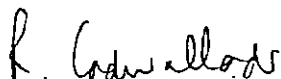
You should be aware that the Agency has the power to revoke (i.e. cancel) your Authorisation at any time if this is considered to be justified. In such cases, a Notice will be given to you telling you of our reasons for the revocation. You have a right of Appeal against the decision.

If we revoke or amend your Authorisation, or if you think that any of the conditions of your Authorisation are unreasonable, you may appeal to the National Assembly for Wales. A copy of the form on which you may appeal is available from the National Assembly for Wales, Cathays Park, Cardiff, CF10 3NQ.

It is important that you pay our Annual Charge promptly. Bills will be sent to you each year for as long as your Authorisation remains in existence. If you do not pay your bill promptly, we may take measures to remove your right to continue to dispose of spent sheep dip. Please note that if your Authorisation is revoked because of non-payment and you continue to dispose of spent sheep dip, you may be committing an offence for which you could be prosecuted.

I hope that this letter gives you enough information about the legal requirements of disposing spent sheep dip to land. However, if you are unclear on any of the above matters or need some further help or advice, please contact me on the extension or e-mail address given below.

Yours faithfully



Richard Cadwalladr
Water Quality Consents Officer

(Ext: 3528; E-Mail Address: richard.cadwalladr@environment-agency.gov.uk)

Encl. Groundwater Authorisation GWSW1794
Record of sheep dip disposal activities form



ANNEX 1.

Summary listing of the substances to be controlled under the Groundwater Regulations 1998.

List One. "List One" substances are the most toxic and must be prevented from entering groundwater. They include pesticides, sheep dip and solvents.

- Organohalogen compounds and substances which may form such compounds in the aquatic environment
- Organophosphorus (OP) compounds
- Organotin compounds
- Substances which possess carcinogenic, mutagenic, or teratogenic properties in or via the aquatic environment (including substances which may have those properties which would otherwise be in list two)
- Mercury and its compounds
- Cadmium and its compounds
- Mineral oils and hydrocarbons
- Cyanides

List Two "List Two" substances are less dangerous but, if disposed of in large amounts, could be harmful to groundwater. Entry of these substances into groundwater must be restricted.

- The following metals and metalloids and their compounds

Zinc	Antimony	Uranium
Copper	Molybdenum	Vanadium
Nickel	Titanium	Cobalt
Chromium	Tin	Thallium
Lead	Barium	Tellurium
Selenium	Beryllium	Silver
Arsenic	Boron	

- Biocides (including pesticides) and their derivatives not appearing in list one
- Substances which have a deleterious effect on the taste or odour of groundwater, and compounds liable to cause the formation of such substances in such water and to render it unfit for human consumption.
- Toxic or persistent organic compounds of silicon, and substances which may cause the formation of such compounds in water, excluding those which are biologically harmless or are rapidly converted in water into harmless substances.
- Inorganic compounds of phosphorus and elemental phosphorus
- Fluorides
- Ammonia and nitrites

AUTHORISATION NO.

GWSW1794



ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

GROUNDWATER REGULATIONS 1998

REGULATION 18(3)(a)

AUTHORISATION OF DISPOSAL OR TIPPING FOR THE PURPOSE OF DISPOSAL

TO: J.W. & D.E. Jones
Divlyn Farm
Cilycwm
Llandovery
SA20 0UA

The **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Groundwater Regulations 1998 and in accordance with Regulation 18(3)(a) of those Regulations, hereby **AUTHORISES** the making of a disposal of **sheep dip** as follows:

Spreading onto land

FROM: A sheep dip

AT: Divlyn Farm, Cilycwm, Llandovery

TO : Land as shown on the attached plan

SUBJECT TO: the conditions set out in the following Schedule:

Spreading onto land

Schedule No GWSW1794A

The Agency will review this Authorisation at least every 4 years and may vary or revoke the Authorisation in writing at any time.

This authorisation is issued and takes effect on the 1st day of February 2000.

Signed.....*R. Gwynallan*.....

Water Quality Consents Officer

Asiantaeth yr Amgylchedd

Glantawe, 154 Ffordd Sant Helen, Abertawe SA1 4DF. Ffon 01792 645300, Ffacs 01792 648652

Environment Agency

Glantawe, 154 St. Helens Road, Swansea SA1 4DF. Tel 01792 645300, Fax 01792 648652



AUTHORISATION NO.	GWSW1794
SCHEDULE NO.	GWSW1794A
DATE ISSUED	1 st February 2000



ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

CONDITIONS OF AUTHORISATION OF DISPOSAL

GENERAL

1. The disposal shall consist only of spent sheep dip, derived from use at Divlyn Farm, Cilycwm, Llandovery from sheep dip used in accordance with appropriate licensed use conditions issued by the Veterinary Medicines Directorate, Ministry of Agriculture Fisheries and Food (MAFF).
2. The disposal shall be undertaken at the location specified in 3 below so that:
 - (a) There shall be no direct discharge of List 1 substances (set out in Annex 1 to this Authorisation) to groundwater or surface waters;
 - (b) Groundwater (as defined by the Groundwater Regulations 1998) is not polluted;
 - (c) The disposal shall not cause any adverse effects on sources of water for potable supply;
 - (d) Disposal of List 1 and List 2 substances (set out in Annex 1 to this Authorisation) shall only be made in accordance with the following conditions of this Authorisation;
 - (e) Provided that the disposal hereby authorised is made in accordance with all of the conditions of this Authorisation, the disposal shall not be taken to be in breach of conditions (a), (b) or (c) above because it contains substances or has properties identified in and controlled by conditions (a), (b) or (c);
 - (f) The Authorisation holder shall take all practicable measures to minimise adverse environmental impact of the disposal.
3. The disposal shall be made by application onto an area of land centred at:
 - (a) National Grid Reference SN 7620 3870;
 - (b) As shown marked "disposal area" on the attached Authorisation Plan GWSW1794.
4. The disposal shall be made by application onto an area of land (with an established vegetation cover) of minimal wildlife value. The area of land shall not include hedgerows, woodlands or wildflower meadows, or land that is bare as part of a crop rotation. The disposal of spent sheep dip shall not be made to land on which crops are currently being grown for human consumption.



AUTHORISATION NO.	GWSW1794
SCHEDULE NO.	GWSW1794A



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

5. No part of the disposal area shall lie within:
 - (a) 10 metres of the nearest watercourse (which includes ditches and open land drains which may run dry for part of the year) or 30 metres of a river designated as a Site of Special Scientific Interest (SSSI) or Special Area of Conservation (SAC);
 - (b) 50 metres of any well, spring or borehole, irrespective of its current use;
 - (c) 500 metres of any well, spring or borehole used for potable water supply.
6. No disposal shall be to field boundaries or to a strip of land at least 2 metres wide adjacent to any boundary or footpath.
7. No disposal of spent sheep dip shall take place on land which:
 - (a) has been under drained or mole drained within 12 months prior to any disposal operation, or is cracked down to the drain or any backfill;
 - (b) has a slope greater than 11 degrees (approximately 1 in 5);
 - (c) is frozen hard or snow covered;
 - (d) is liable to flooding;
 - (e) is severely compacted or waterlogged.
8. Disposal equipment and / or methods shall be designed and operated such that the requirements of Conditions 9 and 10 are met.

VOLUME

9. The maximum volume of spent sheep dip (of working strength), before any dilution to assist safe spreading, shall not exceed 1.25 cubic metres per day and 2.5 cubic metres per annum disposed of to the land identified in Condition 3 above.
- 10(a) The maximum daily application rate of spent working strength sheep dip shall not exceed 1.25 cubic metres spread evenly on a minimum of 0.25 hectares of the land identified in condition 3 above.
- 10(b) The maximum daily application rate of spent working strength sheep dip further diluted in the ratio of 1 part(s) dip to 3 parts slurry or water shall not exceed 5.0 cubic metres spread evenly on a minimum of 0.25 hectares of the land identified in condition 3 above.



AUTHORISATION NO.	GWSW1794
SCHEDULE NO.	GWSW1794A



**ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES**

11. The minimum interval between each application to the same area of land shall be at least 28 days.

MONITORING / REPORTING

12. Records shall be made available for inspection on request by the Agency for at least four years. A form is provided which you may use for this purpose. They shall include :

- (a) daily volumes of undiluted spent sheep dip disposed;
- (b) rates of disposal;
- (c) location and area of disposal;
- (d) nature of used dip (licensed brand name will suffice);
- (e) any materials added to dilute or treat the spent sheep dip including water or slurry.

EXPIRY DATE

13. The Authorisation shall cease to have effect on 1 February, 2012.



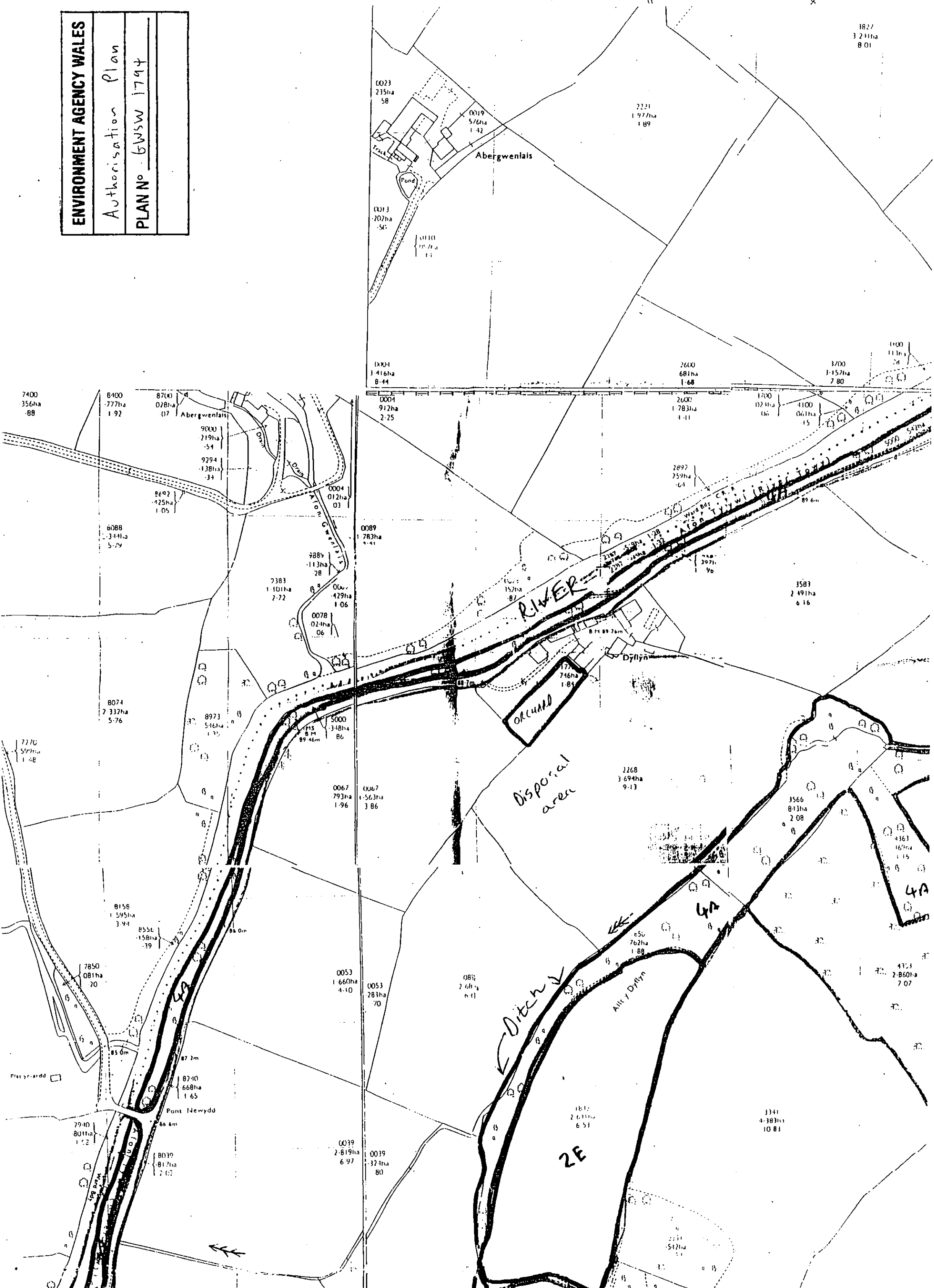
GROUNDWATER REGULATIONS 1998

Record of Sheep Dip Disposal Activities at Divlyn Farm, Cilycwm, Llandovery permitted by Authorisation Number GWSW1794

Required Records	Disposal date	Disposal date	Disposal date	Disposal date	Disposal date
Licensed brand name or Chemical composition of dip.					
Details of any disposal other than used dip made up to stipulated initial dilution rates.					
Volume of spent dip (litres)					
Spreading equipment used.					
Rate of disposal in m^3/ha (gallons/acre)					
Location of disposal area - either indicate field numbers and if whole fields or not, or provide separate map.					
Quantity and nature of material used to further dilute the spent dip to help safe spreading eg slurry or water.					
Dilution ratio of slurry/water : dip					
Materials used to reduce toxicity of spent dip and confirmation or otherwise if these are used in accordance with manufacturers recommendations					

PLAN No. 6WSW 1794

1827
12-11 na
001





**ENVIRONMENT
AGENCY**

Water quality

Application for groundwater authorisation

Groundwater Regulations 1998 (Regulation 23 – Transitional Provisions)

Please read the guidance notes and the form carefully before you complete it.

You must apply before 1 April 1999 if you wish to continue a disposal activity you have carried out before.

If you apply after 31 March 1999 you will have to wait for an authorisation to be granted before you can resume disposal.

If you make a disposal without an authorisation we may prosecute you.

Return your completed form to the nearest office from the list on the back cover of this form.

Disclosure

The law says that we must place your application on the public register unless you provide good reasons why it should stay confidential. If you want your application to stay confidential, write to us when you send us the form, giving your reasons in full.

Data protection

The information that you provide will be processed by the Environment Agency to fulfil its regulatory and monitoring functions. It will be placed on the relevant public registers. Completion of this form is compulsory if you wish us to process your application. You have a right of access to the information supplied to the Environment Agency and the right to apply to court for rectification of that information in accordance with data protection legislation.

For Environment Agency Use only

District/Area reference:

Application number:

 1794

Date received:

Fee received:

1 Where the disposal site is located

1.1 Name, address and location of disposal site

If the area of land forms part of a farm, give the address of the farm. Describe where the site is if the address is not clear.

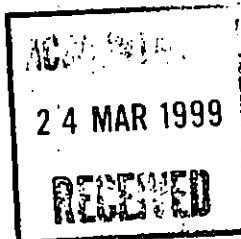
MR. J. W. JONES	
Address	DIVLYN FARM, CILYCWY, LLANDOVERY, CARMARTHENSHIRE
Postcode	SA20 0UA

2 Authorised contact

2.1 Please give us details of the person we can phone or write to with questions about this application.

This can be someone acting as an 'agent' for the applicant.

Full name	ALED EIFION JONES
Position	AGENT (NEPHEW)
Business address	MAES YR AFON, CILYCWY, LLANDOVERY, CARM. SA20 0ST
Phone	01550 721661 (720048)
Fax	01550 721404



3 The applicant

3.1 Is the applicant an individual, a group of individuals (or partnership) or a company/corporate body?

Please discuss this with us if you are not sure.

- ☐ Individual (sole trader) go to question 3.2
☒ Group of individuals or partnership go to question 3.3
☐ Company or corporate body go to question 3.5

Individuals

3.2 Please give us the following details.

Full name

Trading or business name (if there is one)

Business address

Postcode

Contact numbers (optional)

Phone
Fax

Now go to question 3.6

Groups of individuals or partnerships

3.3 Who is applying for the authorisation?

We can only issue an authorisation to named individuals. We need details of each person applying to be an authorisation holder.

Continue on separate sheets if you need to.

Individual or partner

Full name	MR JOHN WALTER JONES
Business address	DIVLYN FARM , CILYCHW
	Postcode

Individual or partner

Full name	MR DAVID EMRYS JONES
Business address	GILVEN FARM , CILYCHW , LLANDOVERLY CARNS.
	Postcode SA20 0TB

Individual or partner

Full name
Business address
Postcode

3 The applicant continued

3.4 Please give us details about the group of individuals or partnership.

For applications from partnerships please provide written evidence, such as a deed of partnership.

Trading or business name of partnership (if there is one)

Business address

DIVLYN FARM , CILYCHW
Postcode

Contact numbers (optional)

Phone	01850 720224
Fax	

Now go to question 3.6

Companies or other corporate applicants

3.5 Please give us the following details.

For applications from companies please provide written evidence of registration.

- ☐ Registered company
☐ Other please give details

Full name of company or corporate body

Trading/business name (if different)

Registered office address

Postcode

Main office address (if different)

Postcode

Contact name and numbers (optional)

Name
Phone
Fax

Company registration number

Now go to question 3.6

3 The applicant continued

3.6 Billing address

If different from application address

Full name
Position
Trading name
Business address
Postcode

4 Existing licences

4.1 Have you previously made a similar disposal at this site?

Tick 'Yes' to apply for a 'deemed authorisation'. This allows you to continue a disposal which is substantially the same as one you or your predecessor carried on. 'Similar disposal' means approximately the same volumes of the same types of materials on the same land.

No ☐ If you are starting a new disposal on or after 1 April 1999 you will need to receive written authorisation before any disposal takes place.

Yes ☒ Date of last disposal

SEPTEMBER 1998

4.2 Do you know of any existing environmental permits in force for this site? For example discharge consents, abstraction licences or waste management licences.

No ☒

Yes ☐ please give details

--

4.3 Do you know of any nature conservation designations or land management agreements in or adjoining the site?

No ☐

Yes ☒ please give details

TIR CYMEN AGREEMENT
ON WHOLE FARM

☐ I would like details of the land management agreement to remain confidential.

5 About disposals on the site

These are general questions. You must also fill in

- a copy of Section 7 for each disposal area
- a copy of Section 8 for each substance type to be disposed of.

Spent sheep dip disposal

5.1 Will you dispose of spent sheep dip?

No ☐

Yes ☒ What type(s)?

☒ OP

☐ SP

☐ Bloom dip

Dilute pesticide disposal

5.2 Will you dispose of any of the following?

Please tick all that apply.

☐ Insecticide

☐ Fungicide

☐ Growth regulator

☐ Herbicide

5.3 Are all of your pesticide disposals part of agricultural activity?

No ☐ Please tell us about any non-agricultural activity which leads to the pesticide disposal onto or into land (for example, road verge or car park spraying).

--

Yes ☐ Please tell us what you use these pesticides for, for example, crop type, bulb dipping, horticulture

--

Other disposals

5.4 Are you disposing of any other listed substances onto or into land?

No ☒

Yes ☐ Please use this box to describe any other disposal activities which are not already noted. Describe the process(es) that produce(s) the material for disposal and state the types of substance.

--

Rate of disposal

5.5 Do you ever make disposals at a rate of more than 5m³/day in total, or more than six times each year?

We want to know about the total of all the substances on this application. 1m³=220 gallons

No ☒

Yes ☐ We will call you if we need further information.

6 About water quality on the site

6.1 Is there any existing monitoring of groundwater on or adjoining the disposal areas?

No ☒

Yes ☐ please give details of monitored wells, springs, catchpits or boreholes, and who monitors them.

--

6.2 Are there any wells, springs or boreholes on or adjoining the disposal areas where monitoring could take place?

No ☒

Yes ☐ please give details. If there are more than five, please attach separate details

Location. Grid ref., BGS number or licence number
Owner/occupier. 'Self' or contact details
Type. Borehole, well, catchpit, spring, etc.
Use. Domestic, agricultural, disused, etc.
Depth to rest water level in metres (give date)

Location. Grid ref., BGS number or licence number
Owner/occupier. 'Self' or contact details
Type. Borehole, well, catchpit, spring, etc.
Use. Domestic, agricultural, disused, etc.
Depth to rest water level in metres (give date)

6 About water quality on the site continued

Location. Grid ref., BGS number or licence number
Owner/occupier. 'Self' or contact details
Type. Borehole, well, catchpit, spring, etc.
Use. Domestic, agricultural, disused, etc.
Depth to rest water level in metres (give date)

Location. Grid ref., BGS number or licence number
Owner/occupier. 'Self' or contact details
Type. Borehole, well, catchpit, spring, etc.
Use. Domestic, agricultural, disused, etc.
Depth to rest water level in metres (give date)

Location. Grid ref., BGS number or licence number
Owner/occupier. 'Self' or contact details
Type. Borehole, well, catchpit, spring, etc.
Use. Domestic, agricultural, disused, etc.
Depth to rest water level in metres (give date)

6.3 Do you have details of any investigations of ground or groundwater conditions on or adjoining the disposal areas?

No ☒

Yes ☐ please attach details [what attached?]

7 About the land at one disposal area

One site may have several disposal areas. You must complete one of these sections for each disposal area. *Please photocopy this page if necessary.*

We need to be able to locate the site easily. Please send a map

- showing the National Ordnance grid reference
- which is at least A4 size

7.1 What is the National Ordnance grid reference for the disposal area?

You can find this on a National Ordnance Survey map. If the map you send us shows Ordnance Survey grid lines, you do not need to answer this question.

National Ordnance grid reference for example, ST 1234 5678

SN 3870 7630 SN 7620 3870

7.2 How big is the disposal area?

Dimensions, for example 25x25 metres, or area in hectares

3.694 Ha

Soil

7.3 What is the depth of topsoil?

20cm is 8 inches, 30cm is 1 foot.

- ☐ shallow (0-20cm)
- ☒ moderate (20-30cm)
- ☒ deep (more than 30cm)

7.4 What is the texture of the soil?

Tick as many boxes as you think are appropriate

- ☐ stony
- ☐ sandy
- ☐ silty
- ☒ clay
- ☒ loam
- ☐ chalky
- ☐ friable
- ☐ cohesive
- ☐ plastic
- ☐ fine-grained
- ☒ medium-grained
- ☐ coarse-grained

7.5 What is the organic content of the soils?

If you do not know the organic content of the soil we will assume that it is minimal when we assess your application.

- ☐ organic Less than about 20 per cent organic content
- ☐ peaty More than about 20 per cent organic content
- ☒ not known

7.6 What are the drainage characteristics of the soils?

- ☐ free draining. Rainfall drains almost immediately
- ☒ moderate. Rainfall drains more slowly but does not pond
- ☐ poor drainage. Rainfall ponds on surface. Often waterlogged.

7 About the land and one disposal area continued

7.7 Is this area underdrained?

- No ☒
- Yes ☐ please mark on your disposal area plan.

7.8 Describe the subsoils and underlying strata.

Any information which you can give will help us to consider your application. Information on subsoils is particularly important where topsoil depth is less than 30 cm. Underlying strata may be, for example, gravels, sandstone, chalk, clay, limestone, or hard rock such as granite.

gravels, clay?

7.9 Does the site plan include contour lines?

- No ☒ please give details of steepness and direction of slope and mark on relevant maps and plans.

4° is a 1:25 slope

7° is a 1:14 slope

11° is a 1:9 slope

- ☒ gentle (0-4°)
- ☐ moderate (5-7°)
- ☐ steep (8-11°)
- ☐ very steep (more than 11°)

Yes ☐

Vegetation

The nature of the vegetation can affect the absorption and breakdown of material. You should note what the cover is likely to be at the time of disposal and any changes e.g. cropping regime.

7.10 Describe the vegetation cover.

For example, 'rough grazing'

Permanent grazing
grass / clover

8 About the substance for disposal

You must complete one section 8 for each substance that you want to dispose of. *Please photocopy this page if necessary.*

8.1 What is the substance you want to dispose of?

Tick one box only.

- ☒ Spent sheep dip
☐ Dilute pesticide. Give examples of typical substances you are using

- ☐ Other please say what it is

Treatment and dilution

8.2 Is the substance treated before disposal?

For example, in a treatment plant

- No ☒
Yes ☐ please give details

8.3 Is the substance diluted before disposal?

- No ☐
Yes ☒ How much and with what? For example, slurry, wash water

1.5 parts substance to 3.5 parts Slurry

8.4 Is the substance stored before disposal?

For example as a normal part of your procedures or in case of adverse weather conditions

- No ☒
Yes ☐ please describe the storage arrangements, including method or type and location. Mark the location of storage facilities on the plan requested in section 10 Checklist, and on site maps and plans.

9 When and how the substance will be disposed of

9.1 Will the disposal take place only at particular times of the year?

- No ☐
Yes ☒ please give details

LATE JUNE +
EARLY SEPTEMBER

9.2 How often will the discharge be made?

- ☐ every day
☐ most days
☐ at least once a week
☐ more than six times a year
☒ up to six times a year
☐ other say how often or under what circumstances

9.3 What will be the maximum daily disposal volume?

1m³ = 220 gallons 1.25

1 - 2 cubic metres a day before dilution
5 cubic metres a day after dilution

9.4 How will you dispose of this substance?

Give a clear description of how the material is taken to the disposal site and how disposal is carried out. State the equipment used e.g. sprayer, soil injection, vacuum tanker. Mark any permanent pipes or other structures on the plan requested in section 10 Checklist, site maps and plans.

Sucked out of sheep dip
with vacuum tanker
filled with slurry and
spread on field.

10. Checklist

Site maps and plans

- ☐ a map showing the location of the site. Mark all disposal areas on the map.

The purpose of this map is to show the site in relation to the surrounding countryside and to allow it to be found. A scale of 1:25,000 or 1:10,000 is recommended, but it is more important to use a scale that will help the Agency to assess your application.

Disposal area plans

Please provide as much information as you can on the disposal area plans.

- ☐ An accurate plan of each disposal area (or point) which can be related to the site map which you are enclosing. Each plan should show:
- ☐ the area of each field used for each disposal, with an indication of how each is used (e.g. in rotation, at different times of the year).
- ☐ all watercourses within 200 metres of each disposal area, including those which dry out at times of the year. For surface watercourses, culverted watercourses, ditches, canals, lakes, ponds or swallow holes
- ☐ boreholes, wells, springs or catchpits within 500 metres of any part of a disposal area.

If any of these are used by neighbours give their names and addresses.

Mark all features that you know of on the plan. Then talk to any neighbours with land within 500 metres of the disposal area to find out if they have any groundwater uses. Record details at Question 6.2.

- ☐ any areas that are under-drained or mole drained, including drainage direction. Mark the discharge points of the drainage system on the plan. If you have estimated them, please say so on the plan.

Other information

- ☐ Other information about the material for disposal or the site that may be relevant. List other information which you have attached here:

11 Declaration

If you fail without reasonable excuse to provide information requested in writing by the Agency you are

- committing an offence under Section 71 of the Environmental Protection Act 1990
- liable to a fine or imprisonment (or both).

For applications from more than one person all applicants should sign. For applications from a company or other corporate body an authorised person should sign.

I/we certify that the information in this application is correct.

I/we hereby apply under the Groundwater Regulations 1998 (under Regulation 23, Transitional Provisions) for authorisation to dispose of substances, as described in this application and its attachments.

I enclose the required application fee, payable to the Environment Agency.

I enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked.

I confirm that I/we will provide additional information as requested by the Environment Agency where this is essential for the determination of the application.

I confirm that I/we will pay required advertising costs should advertising be necessary (following notification by the Environment Agency).

I confirm that I/we will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the authorisation.

Signature

J. W. Jones
D. E. Jones

Name

J. W. JONES, D.E. JONES

Position

PARTNERS

Date

16-3-99

Are you

- ☐ the applicant
☐ their agent

12 What happens next

Please check that you have filled in all the relevant parts of the form, then send it back to us.

If we need any more information about your application, we will get in touch by phone or letter

Once we have processed your application, we will send you a letter, either authorising or refusing the application. This will set out the conditions we expect you to keep to when you make a disposal at the site.

If you are not happy with any of the conditions attached to your authorisation, you can appeal to the Secretary of State.

If there are any changes to the information you gave on your application, you must let us know straight away. You can phone us on 0645 333 111.

Now please send this form back to the nearest Regional office, using the list of addresses on the back cover of this form.

MANAGEMENT AND CONTACTS:

The Environment Agency delivers a service to its customers, with the emphasis on authority and accountability at the most local level possible. It aims to be cost-effective and efficient and to offer the best service and value for money.

Head Office is responsible for overall policy and relationships with national bodies including Government.

Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol BS32 4UD

Tel: 01454 624 400 Fax: 01454 624 409

Internet World Wide Web www.environment-agency.gov.uk

ENVIRONMENT AGENCY REGIONAL OFFICES

ANGLIAN

Kingfisher House
Goldhay Way
Orton Goldhay
Peterborough PE2 5ZR
Tel: 01733 371 811
Fax: 01733 231 840

MIDLANDS

Sapphire East
550 Streetsbrook Road
Solihull B91 1QT
Tel: 0121 711 2324
Fax: 0121 711 5824

NORTH EAST

Rivers House
21 Park Square South
Leeds LS1 2QG
Tel: 0113 244 0191
Fax: 0113 246 1889

NORTH WEST

Richard Fairclough House
Knutsford Road
Warrington WA4 1HG
Tel: 01925 653 999
Fax: 01925 415 961

SOUTHERN

Guildbourne House
Chatsworth Road
Worthing
West Sussex BN11 1LD
Tel: 01903 832 000
Fax: 01903 821 832

SOUTH WEST

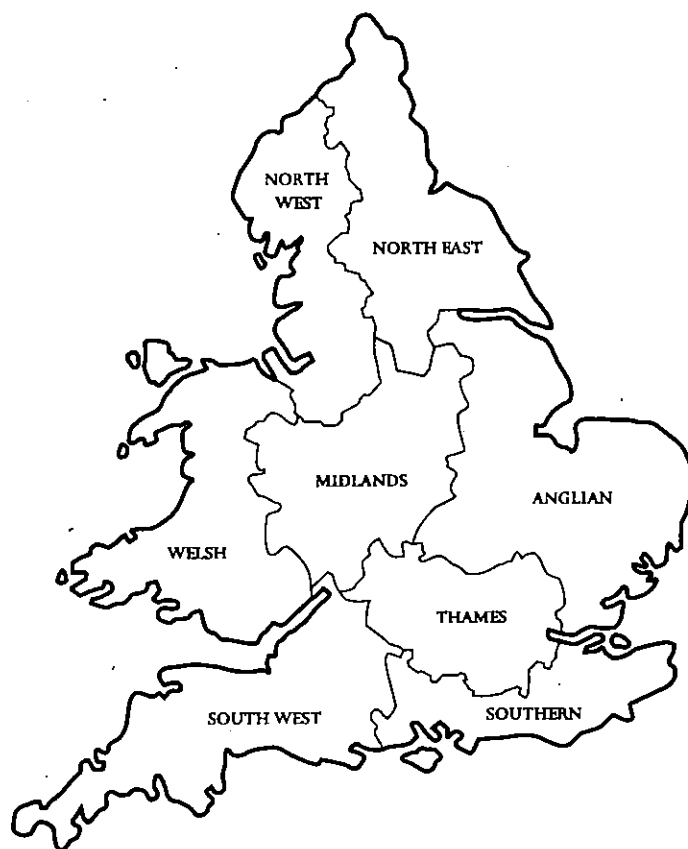
Manley House
Kestrel Way
Exeter EX2 7LQ
Tel: 01392 444 000
Fax: 01392 444 238

THAMES

Kings Meadow House
Kings Meadow Road
Reading RG1 8DQ
Tel: 0118 953 5000
Fax: 0118 950 0388

WELSH

Rivers House/Plas-yr-Afon
St Mellons Business Park
St Mellons
Cardiff CF3 0LT
Tel: 01222 770 088
Fax: 01222 798 555



For general enquiries please call your local Environment Agency office. If you are unsure who to contact, or which is your local office, please call our general enquiry line.

**ENVIRONMENT AGENCY
GENERAL ENQUIRY LINE**

0645 333111

The 24-hour emergency hotline number for reporting all environmental incidents relating to air, land and water.

**ENVIRONMENT AGENCY
EMERGENCY HOTLINE**

0800 80 70 60



**ENVIRONMENT
AGENCY**

Our ref: APP/WLS/1794

Your ref:

Date 28/06/1999

Mr. A. JONES
MESSRS JONES DIVLYN
MAES YR AFON
LLANDOVERY
CARMS
SA20 0ST

Dear Mr. JONES,

GROUNDWATER REGULATIONS 1998

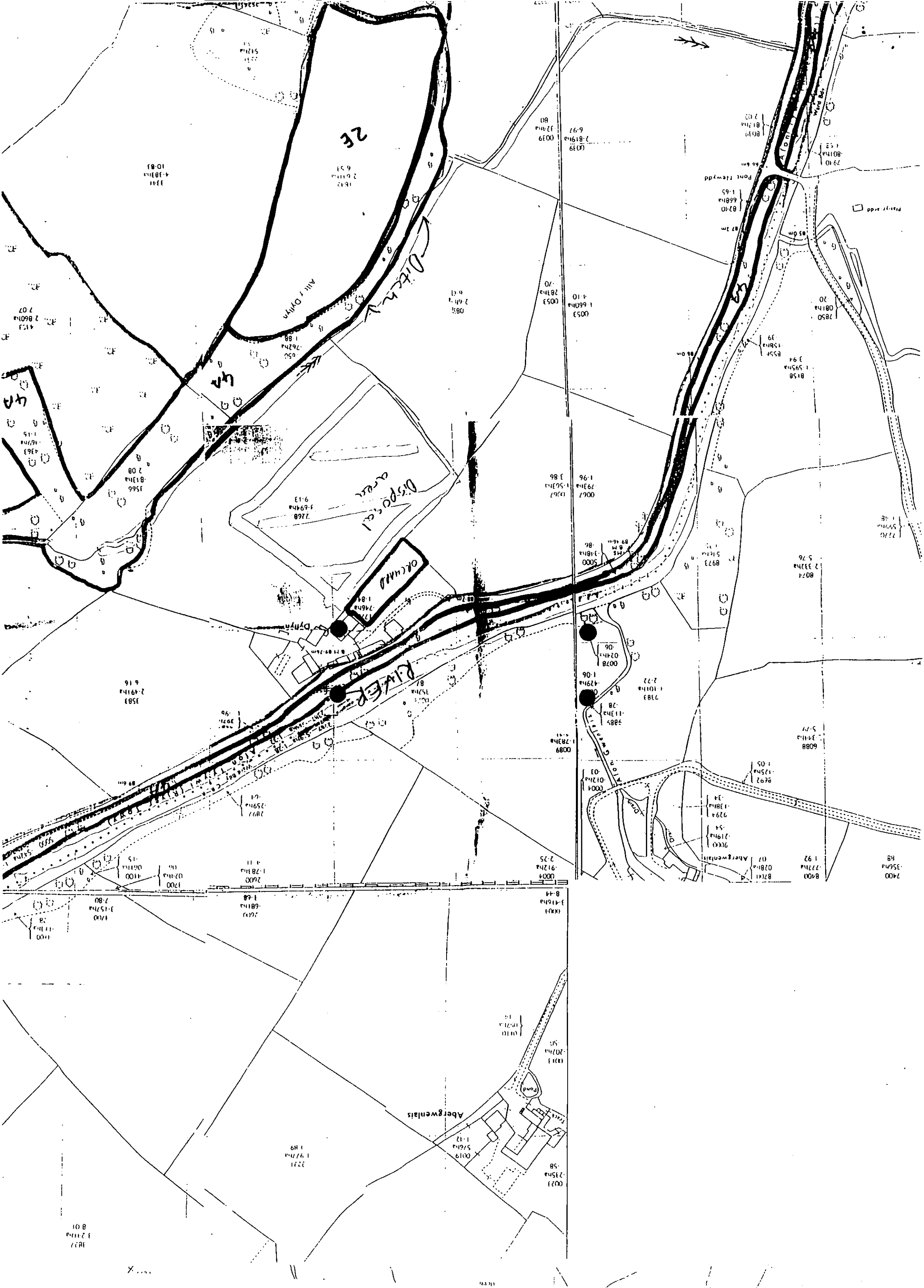
I acknowledge receipt of your application for an authorisation under these regulations, together with your application fee of £84. The Agency will in due course assess and then positively determine your application. In the meantime, your application is deemed to have been authorised from 1st April 1999 and annual subsistence charges will apply from this time, currently £107 a year. You may therefore, unless otherwise advised by the Agency, continue your existing activity, providing it is substantially the same as detailed in your application.

Will you please note that before the Agency can positively determine the application, the regulations require that a specific "prior investigation" is undertaken. Questions to deal with this requirement were included in the application forms, but do not appear to have been fully completed. We will attempt to derive this information ourselves, but if this is not possible, we will need to request further information and will write to you accordingly. You do not need to take further action at this stage. This letter should be retained as proof of your deemed authorisation and if a contractor carries out the disposal operation, he will need to see this letter.

In the meantime if you have any questions, do not hesitate to contact me Chris Rowlands or this office quoting reference number shown above.

Yours sincerely

Mr. C. Rowlands



Mailing address

JW + DE Jones
Dilyn farm etc

Please send copy to Agent

AE Jones
Maes yr Afon etc

(photocopy authorisation and
leave yellow stitches on it
with: sends to - Agents
address)

Conditions:

3a. SN 7620 3870

9. 1.25 m^3 per day / 2.5 m^3 p.a.

10a. 1.25 m^3 / 0.25 ha

10b. 1:3 / 5.0 m^3 / 0.25 ha

delete 12, 13

16, 17, 18

Groundwater Authorisation

Name(s) of Applicant(s) ALFRED EIFION JONES DAVID EMRYS JONES JOHN WALTER JONES	Ref No: GWSW 1794	
	Date Received 24/03/99	Date Issued 01/04/99
Address of Applicant MAES YR AFON LLANDOVERY CARMS SA20 0ST	Substance(s) OP	
	Maximum Discharge per Day 1 - 2 CUBIC METRES	
Billing Address (if different) AS ABOVE	Discharge Site DIVLYN FARM CILYCWM LLANDOVERY CARMARTHENSHIRE	
	Grid Reference SN 3870 7630	
Actions Tick as appropriate ☒ Cheque Received ☒ Map Received ☐ Missing Information	Priority ☐ High ☐ Medium ☒ Low	
Comments	Other Information	
	Score	

Summary scoring spreadsheet - land spreading of sheep dip

(see notes below - to be used in conjunction with the procedures outlined in TGN5)

Site : Dilvyn Farm, Cilycwm, Llandovery

Assessment Ref:

1794

Scoring Factor	Relevant questions/answers	Key parameters	Parameter value	Factor Score
Hydraulic loading	7.2	disposal area (hectares) =	0.25	15
	9.3	maximum daily disposal (m3/d, after dilution) = calculated hydraulic loading (m3/ha) 20	5	
Chemical loading	8.2, 8.3, 9.2	source material score (TGN5, table 1) = number of applications =	4 2	8
	7.1, 7.3-7.6	soil type: shallow (s), high (h), intermediate (in) or low (l) =	in	5
Unsaturated Zone	6.1-6.3 (+Agency records)	substantial (>5m) non-aquifer cover: yes(y), no(n) = worst reasonable or assumed zone thickness (m) =	n 2	15
	7.1, 7.8, site/disposal plans/maps	aquifer type: karst (k), major (ma), minor (mi) or non (n) =	mi	5
Land Use	7.1	land use type: bare (b), vegetated (v) or pasture (p) =	p	0
Chemical Properties	5.1	sheep dip type: SP, OP or Bloom (B) =	op	10
Proximity	6.1-6.3, 7.1, site/disposal plans/maps	distance to nearest surface water receptor (m) =	51	0
		distance to nearest groundwater receptor (m) =	501	0
		groundwater protection zonation: 1, 2 or non (n) =		
TOTAL APPLICATION SCORE :				58
INITIAL ASSESSMENT :				FURTHER CONSIDERATION AND/OR INVESTIGATION REQUIRED

NOTES

- One form should be used for each distinct combination of disposal area and substance, with a unique reference code (e.g. A1S2) entered into the box in the top right hand corner of the form.
- The technical assessor should enter the necessary values in **all** the highlighted cells, seeking advice from TGN5 and its annex as appropriate.

Technical Trail

Site Name: Dilwyn Farm, Cilycwm, Llandovery

Ref: 1794

Description of Activity: Disposal of sheep dip (OP)-spread to land

Assumptions:

1. Assumed spreading rate of 20m³ per hectare
2. Assumed unsaturated zone is <5m
3. Soil type scored as intermediate draining, from information on the application form

CONSULTEES

Internal: Conservation (OPM 14 Days) Return by:

RC checked conservation maps on 18-Jan-99

Regional Hydrogeology (OPM 21 days) Return by:

External:

Advertising required: N

Specific notes on authorisation conditions

All standard conditions apply

Operational Issues (review visits etc)

High priority as disposal area is on the Towy Floodplain

Determining Officer:

R. Cadwalladr

Date:

18-Jan-00

~~GROUNDWATER AUTHORIZATION~~
DISCHARGE CONSENT PROGRESS FORM

Application / Consent Number	GWSW / 1794	Is Consent Under Appeal?	YES / NO
---------------------------------	-------------	--------------------------	----------

DATE: INITIALS

Application for New Consent Received		24 March 1999	CH
Result of Lapsed Consent?	No. _____	_____	_____
Variation initiated by Discharger Received		_____	_____
Further Info Required? Schedule 10 notice to be sent	YES / NO (if Y, see advert form)	_____	_____
Modification initiated by Environment Agency		_____	_____
Revocation (result of Authorisation? Yes/No)		_____	_____
Determination Period start date (only if S. 10 not to be sent)		_____	_____
Statutory Consultees Notified (Give Date):	Sea Fish	CEFAS	Welsh Office
			Harbour Auth.
Passed to Area Consents Team			

Agent's Address (*)

	* If an Agent's name is supplied it will be assumed that they are acting fully on behalf of the applicant and all correspondence will be addressed to them
--	--

Area Consents Team

Received by Area Consents Team		10.9.99	RC
Further Info. Req'd?	YES/NO (see advert form for any unidentified information)	_____	_____
CCOW advised on advertising / consultation		_____	_____
Schedule 10 Notice sent (confirmed by CCOW)		_____	_____
Schedule 10 Info Rec'd Enter new Relevant date or confirm		_____	_____
Confirmation by CCOW of placing of advert		_____	_____
SSSI Affected	Yes/No	EN/CCW and/or NP Contacted	_____
Basic Details Conveyed to EPM		_____	_____
Internal Consultee date responses rec'd	WR	EAT	FD
		CRN	FM
		NAC	
External Consultee date responses rec'd	Sea Fish	CEFAS	WO
		H. Auth.	CCW/EN
		NP	Other
Determination to be extended?	YES/NO	Date extended to:	_____
REASON FOR EXTENSION:			

Please enter Environment Protection Team Code WEP 2

Location of discharge	England		Wales	☒
Sample Point Amendment Required	Yes/No			
No of Samples / Inspections required by policy	No guidance			
No of Samples / Inspections planned to be taken	No			
Discharge from a septic tank	Yes/No			
UOS & Cost Benefit Forms completed	No			
Dangerous Substance present in Discharge	Yes/No			
Charging Bands: Volume Content Rec. Water	£100 33 pm		RC	
Effective Credit Date	Start of GWA			

QA / Referral under NFSoD

QA Process initiated (either in HO Wales or in Area)	No	
Please give Reasons:		
File, draft, UOS & Cost Benefit Forms sent to HO Wales	No	
Response to QA received by Area Consents Team		
Consent referred to HOW Consents under NFSoD		
NFSoD Consultation complete - NFSoD1 received by Area		

Environment Planning Manager

Consent signed by EPIM or officer specified under NFSoD	1.2.00	RC
---	--------	----

Area Customer Contact Team

Signed Consent Received by ACCT		
Consent posted (NB. 1st class on date consent signed)		
Copy of Consent placed on Public Register		
PCF & copy of consent sent to CCOW		

Head Office Wales Consents

Received		
Logged on (New Access Database)		
If tidal, copied to Statutory Consultees		
If advertised, Representees advised of determination		
Consent input to DISCHARGE Database / WIMS		
Consent checked on DISCHARGE Database / WIMS		
Input to CFD Database Date		Checked on CPR Date
CFD Preview Date		Preview Number