

Our Ref: GWSW1940



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Your Ref:

Mr R. Morgan
86 John Street
Nantymoel
Bridgend
CF32 7SU

Date: As Postmark

Dear Mr Morgan

GROUNDWATER REGULATIONS 1998

REVIEW OF AUTHORISATION NO. GWSW1940

I am writing to inform you that your Authorisation GWSW1940 has been reviewed in accordance with Regulation 11 of the Groundwater Regulations 1998, under which the authorisation may be renewed, amended or revoked.

This review has been undertaken following a compliance inspection undertaken at the authorised site on 22nd January 2003.

As a result of this review, no changes have been made to the conditions of the authorisation and these will continue to remain in force until the date specified in the authorisation. We have noted however, an error on the front page of the Authorisation and enclosed an amended page to state the correct Schedule ref. no. Please keep this safely with Authorisation GWSW1940 for future reference.

Your authorisation allows you to continue to dispose of sheep dip at Tal-y-fan Farm, Ty-Bryn, Llangeinor on land centred at NGR SS 9290 8660 provided that you do so without breaching any of the conditions of your authorisation. The authorisation will be reviewed again in the future at intervals of up to 4 years to take account of changes in circumstances.

If you require any further help or information, or need clarification on any of the above matters, please contact myself on extension 5549, or write to me at the address below.

Yours sincerely,

Jennifer Sim
Regulatory Officer (Water Quality)
Enc.

Asiantaeth yr Amgylchedd Cymru
MaesNewydd, Llandarsi, Nedd Port Talbot, SA10 6JQ
Ffôn: 01792 325500, Ffacs: 01792 325511

Environment Agency Wales
Maes Newydd Llandarcy, Neath Port Talbot, SA10 6JQ
Tel: 01792 325500, Fax: 01792 325511





GROUNDWATER REGULATIONS 1998

REGULATION 18(3)(a)

AUTHORISATION OF DISPOSAL
OR TIPPING FOR THE PURPOSE OF DISPOSAL

TO: Richard John Morgan
86 John Street
Nantymoel
Bridgend
CF32 7SU

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: Tal-y-fan Farm, Ty-Bryn, Llangeinor.

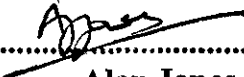
TO : Land as shown on the attached plan

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

Spreading onto land schedule ref. no GWSW1940A

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

Dated this 31st day of March 2004.

Signed.....

Alan Jones

Team Leader Environment Management



Ein Cyf/Our ref: RC/GWSW 1940
Eich Cyf/Your ref:



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Mr Richard Morgan
86 John Street
Nantymoel
Bridgend
CF32 7SU

Dyddiad/Date: 10th February 2003

Dear Mr Morgan,

**GROUNDWATER REGULATIONS 1998
COMPLIANCE ASSESMENT - SITE INSPECTION AUTHORISATION REFERENCE:
GWSW1940**

Thank you for your co-operation during my recent site inspection. The purpose of the inspection was to confirm the suitability of the disposal site and to check compliance with the Groundwater Authorisation.

The information that was gathered as part of the compliance assessment will now be used by the Agency to review your authorisation so as to ensure that it is accurate and environmentally protective. You will be informed of the outcome of this process in writing in due course.

In the meantime, please ensure that:-

- The use of the authorised disposal area is in accordance with your authorisation
- No disposals occur in areas other than those authorised
- Records of spent dip disposal are kept on the sheets provided to you with your authorisation
- Dipping operations and dip disposal are conducted in accordance with the Agency guidance note *PPG12: Sheep Dipping*. (Enclosed).

If you have any queries please contact the Environment Agency.

Yours Faithfully,

EDWARD JC DAVIES
ENVIRONMENT OFFICER

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



SECTION 1: AUTHORISATION DETAILS (If more than one disposal site, please complete this section for each site)



ENVIRONMENT
AGENCY

Site Inspection Report
for Authorised Disposal of Spent
Sheep Dip
Groundwater Regulations 1998

AUTHORISATION REF: 96SW1940

NAME OF OFFICER(S): ED DAVIES

GRID REF

SS9299186553

SS9301686513

DATE 22/1/03

TIME IN 9.30 OUT 10.45

FARM NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

TAL Y FAN FARM

TY BRYN

LLANGEGINOR

REGION: A ☐ NE ☐ NW ☐ M ☐ S ☐ T ☐ SW ☒ W

AREA SOUTHWEST

CATCHMENT

O9MORE

BUSINESS STRUCTURE:

SOLE TRADER ☐ PARTNERSHIP ☒ COMPANY ☐

MAP AVAILABLE

NONE ☐ FARM ☒ DISPOSAL SITE ☒

AUTHORISATION HOLDER DETAILS same as farm ☐

NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

OWNER DETAILS

same as authorisation holder ☐

NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

LICENSEE ☐ FARM MANAGER ☐ OWNER/OCCUPIER ☒ TENANT ☐ SHARE FARMER ☐

FARM TYPE: SHEEP ☒ MIXED ☐ OTHER (please specify):

OVERALL ASSESSMENT/ACTIONS

2009 tank capacity (Steel) farm house is in ruins.

No water supply / only rainwater.

Using drain hole to common land. told not to and to use a hose pipe to spread all over the upper section of the common land.

Note Authorisation ref on Schedule 1 - Change needed.

COMPLIANT WITH AUTHORISATION: YES ☐ NO ☐

CONFIRMED RISK ASSESSMENT: HIGH ☐ LOW ☐

Officer's signature

Authorisation holder's signature

Send Sheep dip PPG with letter.

SECTION 2: PRE-INSPECTION CHECKLIST			
1. HEALTH AND SAFETY			
LONE WORKER PROCEDURES	PRE VISIT	☐	POST VISIT ☐
RISK ASSESSMENT - REMOTE SITE	YES	☐	NO ☐
- DOUBLE MANNING	YES	☐	NO ☐
- APPOINTMENT MADE	YES	☐	NO ☐
DATE ____/____/____ TIME ____/____	CONTACT: _____		
TEL NO. (inc STD code): _____			
2. (a) COPY OF AUTHORISATION	YES	☐	NO ☐
	NOT AUTHORISED		☐
2.(b) GROUNDWATER VULNERABILITY SCORE			
3. RELATED POLLUTION INCIDENTS	YES	☐	NO ☐
DETAILS: _____			
4. CHEMICAL DATA REVIEW COMPLETED	YES	☐	NO ☐
DETAILS: _____			
5. BIOLOGICAL DATA REVIEW COMPLETED	YES	☐	NO ☐
DETAILS: _____			
6. POTABLE SUPPLIES INFORMATION (Local authority)	YES	☐	NO ☐
DETAILS: _____			
7. CONSERVATION ISSUES	YES	☐	NO ☐
DETAILS: _____			
8. SPREADING RECORDS FOR SITE	YES	☐	NO ☐
DETAILS: _____			
9. RIVER CATCHMENT	SUB CATCHMENT		

SECTION 3 : ACTIVITIES WHICH MAY GIVE RISE TO AN UNINTENTIONAL RELEASE OF LISTED SUBSTANCES

1. SHEEP DIP INFRASTRUCTURE

2. DIP LOCATION (NGR) (8 Figs)

SS 929448/336

3. DIP TYPE

Permanent (Static) ☒

Mobile ☐

4. PERMANENT DIP SITE DETAILS

Structure Material

Block ☐ Brick ☐ Concrete ☐ Grp ☐ Plastic ☐ Steel ☐ Other ☐ *concrete / cladding*

Roof Over Dip ?

YES ☐ NO ☒

Does structure appear in good state of repair ?

YES ☒ NO ☐

Presence of Drain Hole ?

YES ☒ NO ☐

Drain Directed to :

Soakaway ☒

Stream ☐

Shury Lagoon ☐

Collection Tank ☐

Unknown ☐

Collecting / Drain off Areas

Permeable Floor ☒

Inpermeable Floor ☒

field common grazing

Draining Apron Diversion when not in use:

YES ☐

NO ☒

Details :

Drain off returned to Dip ?

YES ☒

NO ☐

Capacity of Drain Off Pen ? (No. of sheep)

15

Drain off Period (minutes)

3 mins.

Risk of Leaching by Splashing ?

YES ☐

NO ☒

Age of Permanent Dip Tank (years)

12 yrs.

Used by > 1 farmer ?

YES ☐

NO ☒

Details :

5. MOBILE DIP UNITS

Type of Unit

Dip ☐

Jetter ☐

Shower ☐

Dedicated Area ?

YES ☐

NO ☐

On Permeable Base ?

YES ☐

NO ☐

Distance from watercourse ?

(metres)

Distance from surface water drain ?

(metres)

Could dip enter surface water system ?

YES ☐

NO ☐

Need to relocate dip ?

YES ☐

NO ☐

Details :

N

A

Contractor Details :

Name :

Address :

Tel No : (incl STD code)

On EA list of Contractors

YES ☐

NO ☐

6. PESTICIDE USAGE

Type of Dip

O/P ☐

S/P ☒

O/P + S/P ☐

Other ☐

Product Names :

Osmonds

(Refer to VMD Listing for Active Ingredient)

On Current VMD Listing ?

YES ☐

NO ☐

?

Details if No :

Within Manufacturer's "Best Before" Date for Usage ?

YES ☒

NO ☐

SECTION 3 : ACTIVITIES WHICH MAY GIVE RISE TO AN UNINTENTIONAL RELEASE OF LISTED SUBSTANCES (contd.)

7. PESTICIDE STORAGE

Quantity Used per Annum

None

Litres

Volume Stored?

none

Litres

Locked Store ☐

Unlocked Store ☐

Operator Awareness of Pollution Risk?

YES ☒

NO ☐

Details:

8. DISPOSAL OF PESTICIDE CONCENTRATE/CONTAINERS

Pesticide Concentrate: Return to Supplier ☐ Waste Disposal Contractor ☒

If waste disposal contractor, please specify:

Pesticide Containers: Return to Supplier ☐

Buried on Premises ☐

Waste Disposal Contractor ☒

(Please specify contractor.)

If Buried on Premises: Triple Rinsed ☒

Punctured ☐

Min. Risk of SW/GW Pollution ☐

Secure Storage Facilities Prior to Disposal? Please specify

9. SHEEP ACCESS TO PASTURE AFTER DIPPING

Direct from Holding Area?

YES ☒

NO ☐

Does Access cross Watercourse?

YES ☐

NO ☒

Drinking Water Supply - from stream?

YES ☐

NO ☒

- from trough?

YES ☒

NO ☐

Time held in Pasture prior to Release?

48

Hours

Details:

10. CONTINGENCY PLANS IN THE EVENT OF SPILLAGE

Documented Emergency Plan for Spillages or other Emergencies:

YES ☐

NO ☒

Includes: Site Plan ☐ Drainage System & Water Supply Plan ☐

Location of Pollution Control Equipment Procedures to Protect SW/GW ☐

Contact Details of Emergency Services & Environment Agency ☐

Procedures copied to Emergency Services and Environment Agency?

YES ☐

NO ☐

Training Programme for Staff in Procedures?

YES ☐

NO ☐

SECTION 4: ASSESSMENT OF COMPLIANCE WITH AUTHORISATION

4.1 DIP DISPOSAL

Disposal Records Kept ?

YES ☐ NO ☒

Disposal Records Inspected ?

Details :

On-Farm Disposal ?

YES ☒ NO ☒

Off-Farm Disposal ?

YES ☒ NO ☒

Typical Volume Spent Dip

75 Gallons

Is Dip Diluted Pre-Disposal ?

YES ☒ NO ☐

Volume after Dilution

200 Gallons

Dip Diluted with :

Rainwater

Drain to Slurry Lagoon/

YES ☐ NO ☒

Drain to Tank ?

YES ☐ NO ☒

Interim Storage details : None.

Spread on land ?

YES ☒ NO ☐

Removed by Waste Contractor ?

YES ☐ NO ☒

Removed by Mobile Dipping Contractor ?

YES ☐ NO ☒

Treatment Prior to Spreading ?

YES ☐ NO ☒

Specify Treatment Method :

Just leave drain out to field -

Application Rate

m³ / Ha or Galls / Acre

Method of Disposal

Specify if other :

Tanker / Spreader ☐ LRI ☐ Other ☐

Area Available for Spreading

? Hectares / Acres

Is a Farm Waste Management Plan (FWMP) available ?

YES ☐ NO ☒

DISPOSAL OF UNUSED DIP

Returned to Supplier ?

YES ☐ NO ☒

Returned to Manufacturer ?

YES ☐ NO ☒

Stored for Future Use ?

YES ☐ NO ☒

Dilute in Bath & Spread ?

YES ☐ NO ☒

NUMBER OF DIPPING OPERATIONS

Number of Operations / Year (average)

2 Per annum

Maximum Number of Operations / Year

2 Per annum

Flock Size

150.

Nov / July / Aug

4.2 DISPOSAL SITE ASSESSMENT - PHYSICAL FEATURES

1. TOPOGRAPHY

(4° = 1:25 slope, 7° = 1:14 slope, 11° = 1:9 slope)

Gentle (0 - 4°) ☐ Moderate (5 - 7°) ☐ Steep (8 - 11°) ☐ V Steep (> 11°) ☒

2. SOIL DEPTH

(20 cm is 8 inches, 30 cm is 1 foot)

Shallow (0 - 20 cm) ☐ Moderate (20 cm - 30 cm) ☐ Deep (>30 cm) ☒

4.2 DISPOSAL SITE ASSESSMENT - PHYSICAL FEATURES (contd.)

3. SOIL TEXTURE

Stony ☒ Silty ☐ Loam ☐ Sandy ☒ Clay ☐

Friable (easily crumbled) ☒
Cohesive (stick together) ☐
Plastic (mouldable) ☐

Fine Grained ☐
Medium Grained ☐
Coarse Grained ☒

4. DRAINAGE CHARACTERISTICS

Free Draining ☒ Moderate Draining ☐ Poor Drainage ☐

Is the Area Underdrained? YES ☐ NO ☒ Not Known ☐

Are Drainage Plans Available? YES ☐ NO ☒

5. VEGETATION COVER

Rough Grazing ☒ Permanent Pasture ☐ Arable ☐ Fallow ☐ Set Aside ☐

6. IN CROP ROTATION SYSTEM? YES ☐ NO ☒

Details :

7. "WHOLE FARM" DISPOSAL ?

YES ☒ NO ☐

Details of Area Inspected :

8. DISTANCE TO DISPOSAL SITE (S)

None Metres / Kilometres

9. ROUTE TO DISPOSAL SITE : POTENTIAL RISKS?

YES ☐ NO ☐

Details :

10. EVIDENCE OF IMPACT ?

Visible signs of : - Ponding
- Scorching
- Other Impact

YES ☐ NO ☒
YES ☐ NO ☒
YES ☐ NO ☒
YES ☐ NO ☒

Details :

11. SURVEILLANCE OF GROUNDWATER

Has any sampling of groundwater been undertaken?

YES ☐ NO ☒

Details :

12. RISK TO GROUNDWATER FEATURES ?

YES ☐ NO ☒

Details :

13. RISK TO SURFACE WATER FEATURES ?

YES ☐ NO ☒

Details :

5.0 COMMENTS AND RECOMMENDATION

1. ANY ASPECTS OF APPLICATION FORM YES ☒ INCORRECT? NO ☐

Details :

Automation 86 John Street not
Sour St

2. DETAILS OF AMENDMENTS TO APPLICATION FORM REQUIRED.

3. ANY BREACH OF AUTHORISATION?

YES ☐

NO ☒

Details :

4. DETAILS OF AMENDMENTS TO AUTHORISATION REQUIRED

W/A

5. ARE ANY REMEDIAL WORKS REQUIRED?

YES ☐

NO ☒

Works Required

Agreed Timescale for Completion

6. OVERALL RISK ASSESSMENT

Higher Risk ☐

Lower Risk ☒

Justification :

7. CONTACT WITH LOCAL AUTHORITY REQUIRED?

Details :

Follow Up Required

YES ☐

NO ☐

Letter Required

YES ☐

NO ☐

Date Sent : ____/____/____

Response : ____/____/____

Works Notice Required

YES ☐

NO ☐

Date Sent : ____/____/____

Response : ____/____/____

GWR Works Notice Required

YES ☐

NO ☐

Date Sent : ____/____/____

Response : ____/____/____

Site Inspected by (Print)

E J C DAVIES

Form Checked by (Print)

(Signed)

E J C Davies

(Date)

22/1/03

(Fin ver.10/1/2001)

100

8

SECTION 1: AUTHORISATION DETAILS (If more than one disposal site, please complete this section for each site)



ENVIRONMENT
AGENCY

Site Inspection Report

for Authorised Disposal of Spent
Sheep Dip
Groundwater Regulations 1998

AUTHORISATION REF: 96SW1940

NAME OF OFFICER(S): ED DAVIES

GRID REF

SS9299186553

SS9301686513

DATE 22/1/03

TIME IN 9.30 OUT 10.45

FARM NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

TAL Y FAN FARM
TY BRYN
LLANGHEINOR

REGION: A ☐ NE ☐ NW ☐ M ☐ S ☐ T ☐ SW ☒ W

AREA Southwest

CATCHMENT

09MORE

BUSINESS STRUCTURE:

SOLE TRADER ☐ PARTNERSHIP ☒ COMPANY ☐

MAP AVAILABLE

NONE ☐ FARM ☒ DISPOSAL SITE ☒

AUTHORISATION HOLDER DETAILS same as farm ☐

NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

OWNER DETAILS

same as authorisation holder ☐

NAME

ADDRESS

TOWN

COUNTY

POSTCODE

TEL:

FAX:

E-MAIL

LICENSEE ☐ FARM MANAGER ☐ OWNER/OCCUPIER ☒ TENANT ☐ SHARE FARMER ☐

FARM TYPE: SHEEP ☒ MIXED ☐ OTHER (please specify):

OVERALL ASSESSMENT/ACTIONS

2009 tank capacity (Steel) farm house is in ruins.

No water supply / only rainwater.

Using drain hole to common land. told not to and to use a hose pipe to spread all over the upper section of the common land.

Note Authorisation ref on Schedule 1 - Change needed.

COMPLIANT WITH AUTHORISATION: YES ☐ NO ☐

CONFIRMED RISK ASSESSMENT: HIGH ☐ LOW ☐

Officer's signature

Authorisation holder's signature

Send Sheep dip PPG with letter.

COMMENTS AND RECOMMENDATION

1. ANY ASPECTS OF APPLICATION FORM YES ☒ NO ☐
INCORRECT?

Details :

Authorisation 86 John Street not
Saver St.

2. DETAILS OF AMENDMENTS TO APPLICATION
FORM REQUIRED

3. ANY BREACH OF AUTHORISATION?

YES ☐

NO ☒

Details :

4. DETAILS OF AMENDMENTS
AUTHORISATION REQUIRED ~~W/A~~ TO

5. ARE ANY REMEDIAL WORKS REQUIRED?
Works Required

YES ☐

NO ☒

Agreed Timescale for Completion

6. OVERALL RISK ASSESSMENT
Justification :

Higher Risk ☐

Lower Risk ☒

7. CONTACT WITH LOCAL AUTHORITY
REQUIRED?

Details :

Follow Up Required

YES ☐

NO ☐

Letter Required

Date Sent : ____/____/____

YES ☐

NO ☐

Response : ____/____/____

Works Notice Required

Date Sent : ____/____/____

YES ☐

NO ☐

Response : ____/____/____

GWR Works Notice Required

Date Sent : ____/____/____

YES ☐

NO ☐

Response : ____/____/____

Site Inspected by (Print)

E J C DAVIES

Form Checked by (Print)

(Signed)

E J C Davies

(Date)

22/1/03

(Fin ver.10/1/2001)



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref: MG/GWSW1940

Eich cyf/Your ref:

Dyddiad/Date: As postmark

Richard John Morgan
86 Soan Street
Nantymoel
Bridgend
CF32 7SU

Dear Sir

GROUNDWATER REGULATIONS 1998

GROUNDWATER AUTHORISATION NO.	GWSW1940
ISSUED TO:	Richard John Street
FOR THE SITE AT:	Tal-y-fan Farm, Ty-Bryn, Llangeinor

I am writing to inform you that your application for a Groundwater Authorisation has now been approved. You have been given Authorisation Number GWSW1940 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 allows you to dispose of **spent sheep dip** at **Tal-y-fan, Ty-Bryn** 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 1st August 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 Tal-y-fan, Ty-Bryn. 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.

Continued...

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





ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

- 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.
- 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.

Continued...





ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

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.

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 extension 3522 at the address shown previously.

Yours faithfully

Richard Cadwalladr
Water Quality Consents Officer

Encl. Groundwater Authorisation GWSW1940
Record of sheep dip disposal activities form.



AUTHORISATION NO.

GWSW1940



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: Richard John Morgan
86 Soan Street
Nantymoel
Bridgend
CF32 7SU

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: Tal-y-fan Farm, Ty-Bryn, Llangeinor

TO: Land as shown on the attached plan

SUBJECT TO: the conditions set out in the following Schedule

Spreading onto land

Schedule ref. no GWSW422A

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 day of 2000.

Signed.....

Water Quality Consents Officer

Asiantaeth yr Amgylchedd
Glantawe, 154 Ffordd Sant Helen, Abertawe SA1 4DF. Ffôn 01792 645300, Ffacs 01792 648652

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



AUTHORISATION NO.	GWSW1940
SCHEDULE NO.	GWSW1940A
DATE ISSUED	27 th July 1990



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 Tal-y-Fan, Ty-Bryn 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 SS 9290 8660
 - (b) As shown marked "Disposal Area" on the attached Authorisation Plan GWSW1940.



AUTHORISATION NO.	GWSW1940
SCHEDULE NO.	GWSW1940A
DATE ISSUED	17th July 2000



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

4. The disposal shall be made by application onto an area of land with an established vegetation cover and 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.
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.
 - (d) 25 metres of an identified swallow hole.
6. No disposal shall be to field boundaries or to a strip of land at least 2 metres <optional (6 and a half feet)> 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 cubic metres per day and 1 cubic metres per annum disposed of to the land identified in Condition 3 above.



AUTHORISATION NO.	GWSW1940
SCHEDULE NO.	GWSW1940A
DATE ISSUED	27 th July 2000



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

10. The maximum daily application rate of spent working strength sheep dip shall not exceed 1 cubic metres spread evenly on a minimum of 1 hectares of the land identified in condition 3 above.
11. The minimum interval between each application to the same area of land shall be at least 3 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 1st August 2012.

FURTHER CONDITION

14. If the spent sheep dip is stored before disposal, then the store must conform to current relevant British Standards (BS5502: Part 41: 1990) or be within a bunded area so as to contain any spilled material.



GROUNDWATER REGULATIONS 1998

Record of Sheep Dip Disposal Activities at Tal-y-fan, Ty-Bryn permitted by Authorisation Number GWSW1940

Required Records	Disposal date	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						



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





ENVIRONMENT AGENCY WALES

AUTHORISATION PLAN

PLAN NO. 62500 1940

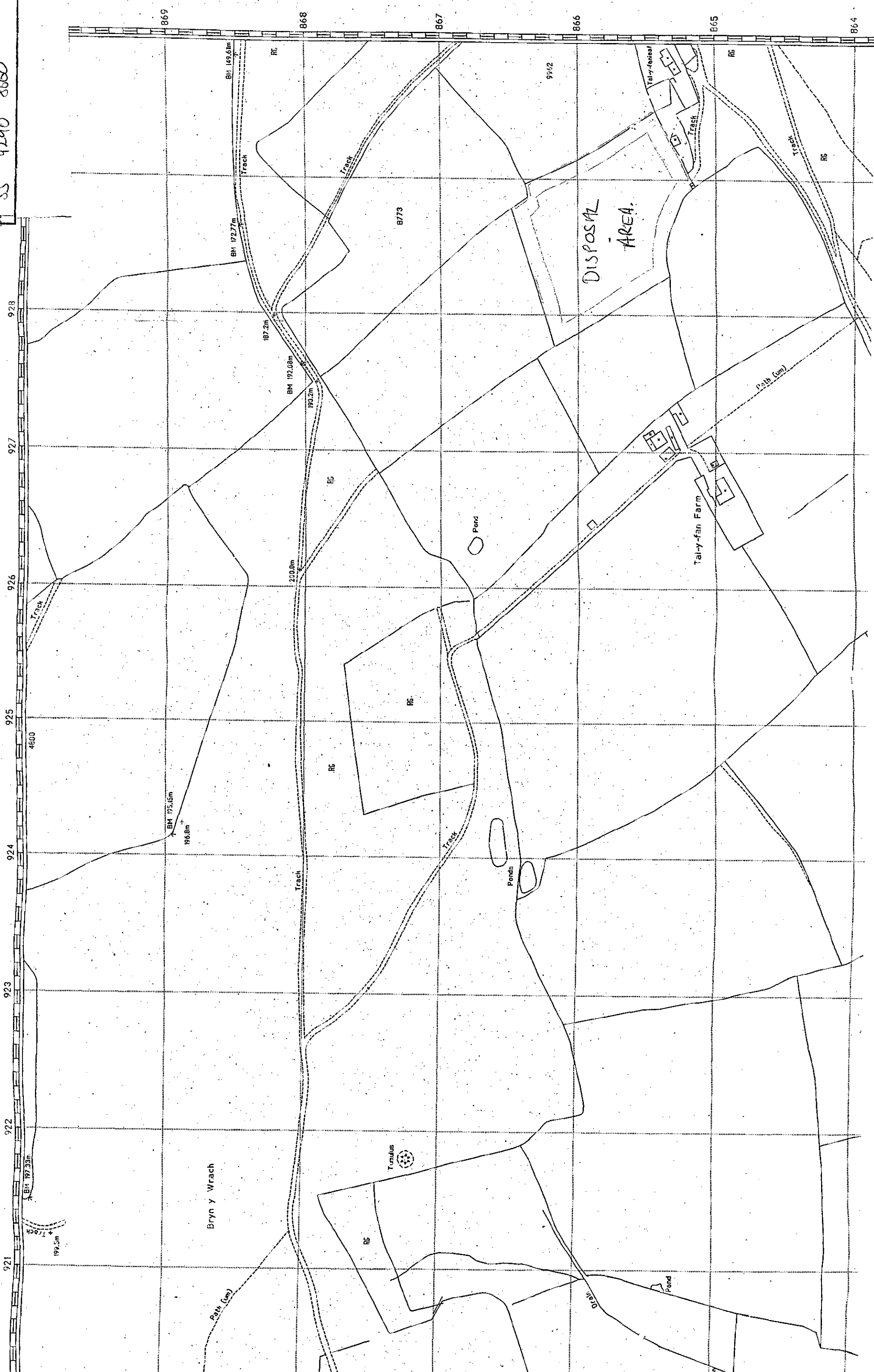
SS 9290 8660

MID GLAMORGAN COUNTY

OGWR DISTRICT

OGMORE VALLEY C

CWM OGWR ED



Copy

Our Ref: GWSW1940

Your Ref:

Mr R. Morgan
86 John Street
Nantymoel
Bridgend
CF32 7SU

Date: As Postmark

Dear Mr Morgan

GROUNDWATER REGULATIONS 1998

REVIEW OF AUTHORISATION NO. GWSW1940

I am writing to inform you that your Authorisation GWSW1940 has been reviewed in accordance with Regulation 11 of the Groundwater Regulations 1998, under which the authorisation may be renewed, amended or revoked.

This review has been undertaken following a compliance inspection undertaken at the authorised site on 22nd January 2003.

As a result of this review, no changes have been made to the conditions of the authorisation and these will continue to remain in force until the date specified in the authorisation. We have noted however, an error on the front page of the Authorisation and enclosed an amended page to state the correct Schedule ref. no. Please keep this safely with Authorisation GWSW1940 for future reference.

Your authorisation allows you to continue to dispose of sheep dip at Tal-y-fan Farm, Ty-Bryn, Llangeinor on land centred at NGR SS 9290 8660 provided that you do so without breaching any of the conditions of your authorisation. The authorisation will be reviewed again in the future at intervals of up to 4 years to take account of changes in circumstances.

If you require any further help or information, or need clarification on any of the above matters, please contact myself on extension 5549, or write to me at the address below.

Yours sincerely,

Jennifer Sim
Regulatory Officer (Water Quality)
Enc.

Asiantaeth yr Amgylchedd Cymru
MaesNewydd, Llandarsi, Nedd Port Talbot, SA10 6JQ
Ffon: 01792 325500, Ffacs: 01792 325511

Environment Agency Wales
Maes Newydd Llandarcy, Neath Port Talbot, SA10 6JQ
Tel: 01792 325500, Fax: 01792 325511

AUTHORISATION NO.

GWSW1940

Copy - [scribbles]

GROUNDWATER REGULATIONS 1998

REGULATION 18(3)(a)

**AUTHORISATION OF DISPOSAL
OR TIPPING FOR THE PURPOSE OF DISPOSAL**

TO: Richard John Morgan
86 Soan Street
Nantymoel
Bridgend
CF32 7SU

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: Tal-y-fan Farm, Ty-Bryn, Llangeinor.

TO : Land as shown on the attached plan

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

Spreading onto land schedule ref. no GWSW1940A

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

Dated this 31st day of March 2004.

Signed.....

Alun Jones

Team Leader Environment Management

Asiantaeth yr Amgylchedd Cymru
Glan Tawe, 154 Ffordd Sant Helen, Abertawe, Gorllewin Morgannwg, SA1 4DF
Ffôn: 01792 645300, Ffacs: 01792 470068

Environment Agency Wales
Glan Tawe, 154 St. Helens Road, Swansea, West Glamorgan, SA1 4DF
Tel: 01792 645300, Fax: 01792 470068


**ENVIRONMENT
AGENCY**
*CODES OF PRACTICE
ISSUE RE STORAGE*
Water quality
Application for groundwater authorisation

Groundwater Regulations 1998 (Regulation 23 - Transitional Provisions)

OKCR

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:

 1940

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.

Address	
Talyfan Farm Ty-Bryn	
Llanegwyl	
Bridgend	
Mid-Glam	Postcode CF32 8RG

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	Richard John Morgan
Position	Farmer/Owner
Business address	86 SOAN Street
	Nantyrmoel
	Bridgend
Mid-Glam	Postcode CF32 7SU
Phone	01656/842574
Fax	

phoned 16/6/98 £84.00
No response



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

Richard John Morgan

Trading or business name (if there is one)

Business address

Ty-Bryn
Llanwernor
Bridgend
Postcode CF32 8TG

Contact numbers (optional)

Phone 01656 242574
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
Business address
Postcode

Individual or partner

Full name
Business address
Postcode

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

Postcode

Contact numbers (optional)

Phone
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

AS Application Address

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

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

☐ 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

spent sheep Dip

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

55 92 86 86 5/429 SS 9290 8660

7.2 How big is the disposal area?

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

1.62

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.

Stony soil.

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'

rough grazing

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

parts substance to parts

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.

Stored in open
Container for approx
9 months

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

July

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

every July

9.3 What will be the maximum daily disposal volume?

1m³ = 220 gallons

1 m ³	cubic metres a day	before dilution
1 m ³	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.

Allowed to run
on Rough Grazing
After being stored for
9 months in open
Container

Our ref: APP/WLS/1940

Your ref:

Date 26/08/1999

Mr. R. MORGAN
86 JOHN STREET
NANTYMOEL
BRIDGEND
Mid Glamorgan CF32 7SU

Dear Mr. MORGAN,

GROUNDWATER REGULATIONS 1998: DEEMED AUTHORISATION FROM 1ST APRIL 1999

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 Vanessa Shoebridge or this office quoting reference number shown above.

Yours sincerely

Ms. V. Shoebridge

Eich cyf/Your ref.
Ein cyf/Our ref. APP/WLS/MorganRichard
Ymholiadau/Enquiries: V Shoebridge
Dyddiad/Date: 20th May 1999

Mr Richard Morgan
86 John Street
Nantymoel
Bridgend
Mid-glam
CF32 7SU

Dear Mr Morgan

**GROUNDWATER REGULATIONS 1998
REQUEST FOR MISSING INFORMATION**

Thank you for making an application for a Groundwater authorisation. Providing the disposal operation is substantially the same as detailed in your application, you can continue this operation from the 1st April 1999 and annual disposal charges will apply from that time. The Agency will assess the application as soon as practicable, but before this can be done, the following information is needed.

1. A map showing the location of the disposal site in relation to the surrounding countryside. Please identify on the map all watercourses, ponds etc within 200m of the disposal site (including those which dry up at times of the year), and springs, boreholes etc within 500m of the disposal site. Please include the names of any neighbours that make use of such boreholes.

Please can you return this information by 15th June. If you need more time to provide this information, or have any questions relating to your application please do not hesitate to contact this office.

Yours faithfully

Vanessa Shoebridge
Technical Assistant
Groundwater Regulations

Asiantaeth yr Amgylchedd
Plas-yr-Afon, Parc Business Llancirwg, Llancirwg, Caerdydd, CF3 0LT
Ffon 01222 770088, Ffacs 01222 798555, GTN 7-23 X 1000

Environment Agency
Rivers House, St. Mellons Business Park, St Mellons, Cardiff, CF3 0LT
Ffon 01222 770088, Ffacs 01222 798555, GTN 7-23 X 1000



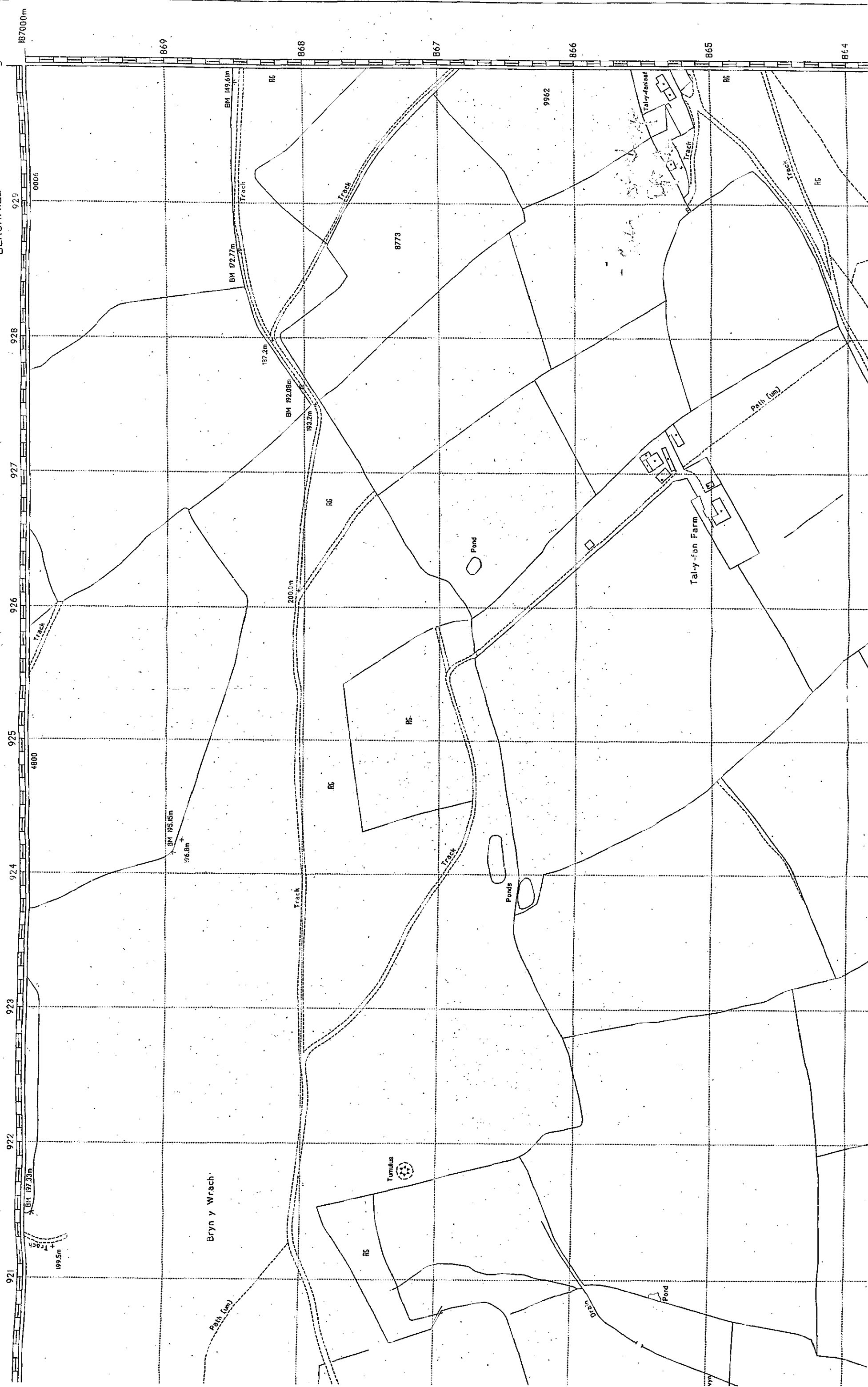
MID GLAMORGAN COUNTY

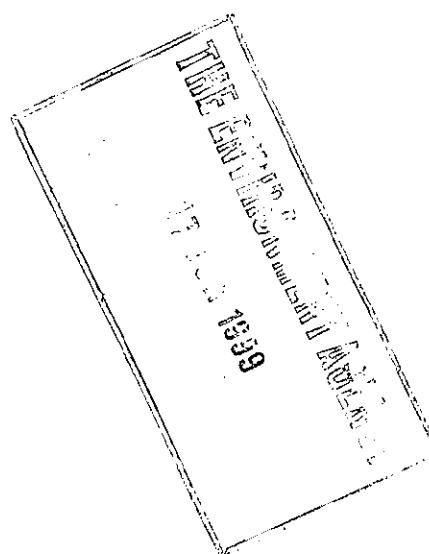
OGWR DISTRICT

OGMORE VALLEY C

CWM OGWR ED

BLACKMILL WARD





Summary scoring spreadsheet - land spreading of sheep dip

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

Site: Taly-fan Farm, Ty-Bryn, Llangeinor, Brngd

Assessment Ref:

gws1940

Scoring Factor	Relevant questions/answers	Key parameters	Parameter value	Factor Score
Hydraulic loading	7.2 9.3	disposal area (hectares) = maximum daily disposal (m3/d, after dilution) = calculated hydraulic loading (m3/ha) =	1 1 1	0
Chemical loading	8.2, 8.3, 9.2	source material score (TGN5, table 1) = number of applications =	6 1	6
Soil type	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 6	10
Aquifer	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) =	sp	15
Proximity	6.1-6.3, 7.1, site/disposal plans/maps	distance to nearest surface water receptor (m) = distance to nearest groundwater receptor (m) = groundwater protection zonation: 1, 2 or non (n) =	501 501 n	0 0
TOTAL APPLICATION SCORE :				41
INITIAL ASSESSMENT :				APPLICATION CAN PROCEED TO DETERMINATION

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: Tal-y-fan Farm, Ty-Bryn, Llangeinor, Brngnd

Ref: GWSW 1940

Description of Activity: Disposal of sheep dip SP -spread to land

Assumptions:

dip disposed of at working strength.

Disposal method to be investigated during round 2 review. Assumed disposal via spreader/tanker.

CONSULTEES

Internal:

Conservation (OPM 14 Days) NAC MG 25/7/00

Regional Hydrogeology (OPM 21 days) Return by:

External:

Advertising required:

N

Specific notes on authorisation conditions

All standard conditions apply etc

Operational Issues (review visits etc)

Determining officer

Mathew Griffiths

Date

July 25 2000.

Groundwater Authorisation

Name(s) of Applicant(s)		Ref No.	
RICHARD JOHN MORGAN		GWSW 1940	
		Date Received	Date Issued
		01/04/99	01/04/99
Address of Applicant		Substance(s)	
86 JOHN STREET NANTYMOEL BRIDGEND MID GLAMORGAN CF32 7SU		OP SP	
		Maximum Discharge per Day	
		1 CUBIC METRE	
Billing Address (if different)		Discharge Site	
AS ABOVE		TALYFAN ISAF FARM TY-BRYN LLANGEINOR BRIDGEND	
		Grid Reference	
		SS 9286 8629	
Actions		Priority	
Tick as appropriate ☒ Cheque Received ☒ Map Received ☐ Missing Information		☐ High ☐ Medium ☒ Low	
Comments		Other Information	
		Score	