



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr E C O Owen

Land at
Garthgwynion Estate
Machynlleth
Powys
SY20 8PZ

Variation application number
GWN2186/V002

Permit number
GWN2186

Land at Garthgwynion Estate

Permit number GWN2186

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation and consolidation of an environmental permit.

Following a review of the existing permit this variation notice changes the conditions to ensure compliance with the Environmental Permitting (England and Wales) Regulations 2010. There are no changes to the disposal activities. You are required to keep a record on a map of your overall disposal site, of the extent of the area where each disposal is made.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number. It is not backdated before 6 April 2010.

Status Log of the permit		
Description	Date	Comments
Permit determined GWN2186	25/05/2000	Permit issued to Mr E C O Owen
Variation determined GWN2186/V001	21/10/2011	GWDD EPR update. Varied and consolidated permit issued in modern condition format.
Variation determined GWN2186/V002	04/11/2011	Amended holder and address.

End of introductory note

Notice of variation and consolidation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

GWN2186

Issued to:

Mr E C O Owen ("the operator")

of

Chittol

Church Street

Bishops Castle

Shropshire

SY9 5AA

to operate a regulated facility at

Land at

Garthgwynion Estate

Machynlleth

Powys

SY20 8PZ

to the extent set out in the schedules.

The notice shall take effect from 04/11/2011

Name	Date
Laura Armitage	04/11/2011

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

Schedule 2 – varied and consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
GWN2186

This is the consolidated permit referred to in the variation and consolidation notice for application GWN2186/V002 authorising,

Mr E C O Owen (“the operator”),

of

Chittol
Church Street
Bishops Castle
Shropshire
SY9 5AA

to operate a groundwater activity at

Land at
Garthgwynion Estate
Machynlleth
Powys
SY20 8PZ

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Laura Armitage	04/11/2011

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit, centred at National Grid References **SN 74936 97341, SN74920 97431, SN 75029 97494, SN 75124 97447, SN 75206 97523, SN 75270 97354, SN 75386 97304 and SN 75497 97243.**
- 2.2.2 The discharge shall be made to the overall disposal site centred at National Grid References **SN 74936 97341, SN74920 97431, SN 75029 97494, SN 75124 97447, SN 75206 97523, SN 75270 97354, SN 75386 97304 and SN 75497 97243.**

2.3 Operating techniques

- 2.3.1 The discharge shall be made by spreading 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.
- 2.3.2 No discharge shall take place 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 European Site or Site of Special Scientific Interest (SSSI);
 - (b) 50 metres of any well, spring or borehole, irrespective of its current use;

- (c) 500 metres of any well, spring or borehole where the water is intended for human consumption;
 - (d) 25 metres of an identified swallow hole.
- 2.3.3 No discharge shall be made within two metres of any field boundary or footpath.
- 2.3.4 No discharge shall take place on land which:
- (a) has been under drained or mole drained within 12 months prior to any discharge 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.
- 2.3.5 The discharge of used / waste sheep dip shall not be made to land on which crops are currently being grown for human consumption.
- 2.3.6 Discharge equipment and / or methods shall be designed and operated such that the requirements of Conditions 2.3.7 and 2.3.8 are met.

Volume and rate

- 2.3.7 The maximum volume of used / waste sheep dip (of working strength) before any dilution to assist safe spreading shall not exceed **8** cubic metres per annum discharged to the land identified in schedule 7 and subject to the requirements of condition 2.3.8.
- 2.3.8 The maximum daily spreading rate of used / waste working strength sheep dip shall not exceed **1** cubic metres spread evenly on a minimum of **0.2** hectares of the land identified in schedule 7.
- 2.3.8 The maximum daily spreading rate of used / waste working strength sheep dip further diluted in the ratio of 1 part dip to 3 parts slurry or water shall not **4** cubic metres spread evenly on a minimum of **0.2** hectares of the land identified in schedule 7.

Discharge period

- 2.3.9 The discharge of used / waste sheep dip shall only be carried out between the dates of **01 April and 31 March** each year inclusive.
- 2.3.10 The discharge of used/ waste sheep dip to the same individual area of land within the overall disposal site identified in schedule 7 shall not be undertaken more frequently than once per year. A maximum of **8** discharges may be made per year, but the area of land must be rotated within the overall disposal site.

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

- 3.1.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.1.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.1.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.
- 3.1.4 Appropriate measures shall be taken to prevent the input of hazardous substances to groundwater by avoiding the entry of those substances into groundwater and by avoiding any significant increase in their concentration in groundwater.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.
- 4.1.3 Records for discharges of waste sheep dip shall include:
- (a) name, address and NGR of the site where the used / waste sheep dip originated;
 - (b) daily volumes of undiluted used / waste sheep dip discharged;

- (c) rates of discharge;
- (d) location and area of discharge;
- (e) nature of used dip (marketing authorisation name will suffice);
- (f) any materials added to dilute or treat the used / waste sheep dip, including water or slurry;
- (g) for multiple discharges, records demonstrating compliance with only one permitted discharge per designated area of land per year shall be kept.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.3 Notifications

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit; or
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change;
and
- (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 Activities	
Description of activity	Limits of specified activity
The discharge shall consist only of waste sheep dip, derived from use at land at Garthgwynion Estate and Tyno Hir used in accordance with the appropriate marketing authorisation issued by the Veterinary Medicines Directorate of the Department of the Environment, Food And Rural Affairs (DEFRA).	Waste sheep dip may only be discharged once on any individual area of land in any one year. Records should be kept of exactly where each disposal takes place within the overall disposal site.

Schedule 2 - Waste types, raw materials and fuels

Wastes are not accepted as part of the permitted activities and there are no restrictions on raw materials or fuels under this schedule.

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection
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Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit
--

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“European Site” means Special Area of Conservation or candidate Special Area of Conservation or Special Protection Area or proposed Special Protection Area in England and Wales, within the meaning of Council Directives 79/409/EEC on the conservation of wild birds and 92/43/EEC on the conservation of natural habitats and of wild flora and fauna and the Conservation of Habitats and Species Regulations 2010. Internationally designated Ramsar sites are dealt with in the same way as European sites as a matter of government policy and for the purpose of this permit will be considered as a European Site.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Mole drained” means drainage by means of a system of narrow diameter tunnels, or passage-ways, which are self supporting in soils (like mole-holes), created by a tool towed at shallow depth behind a tractor and designed to drain water from poorly drained soils.

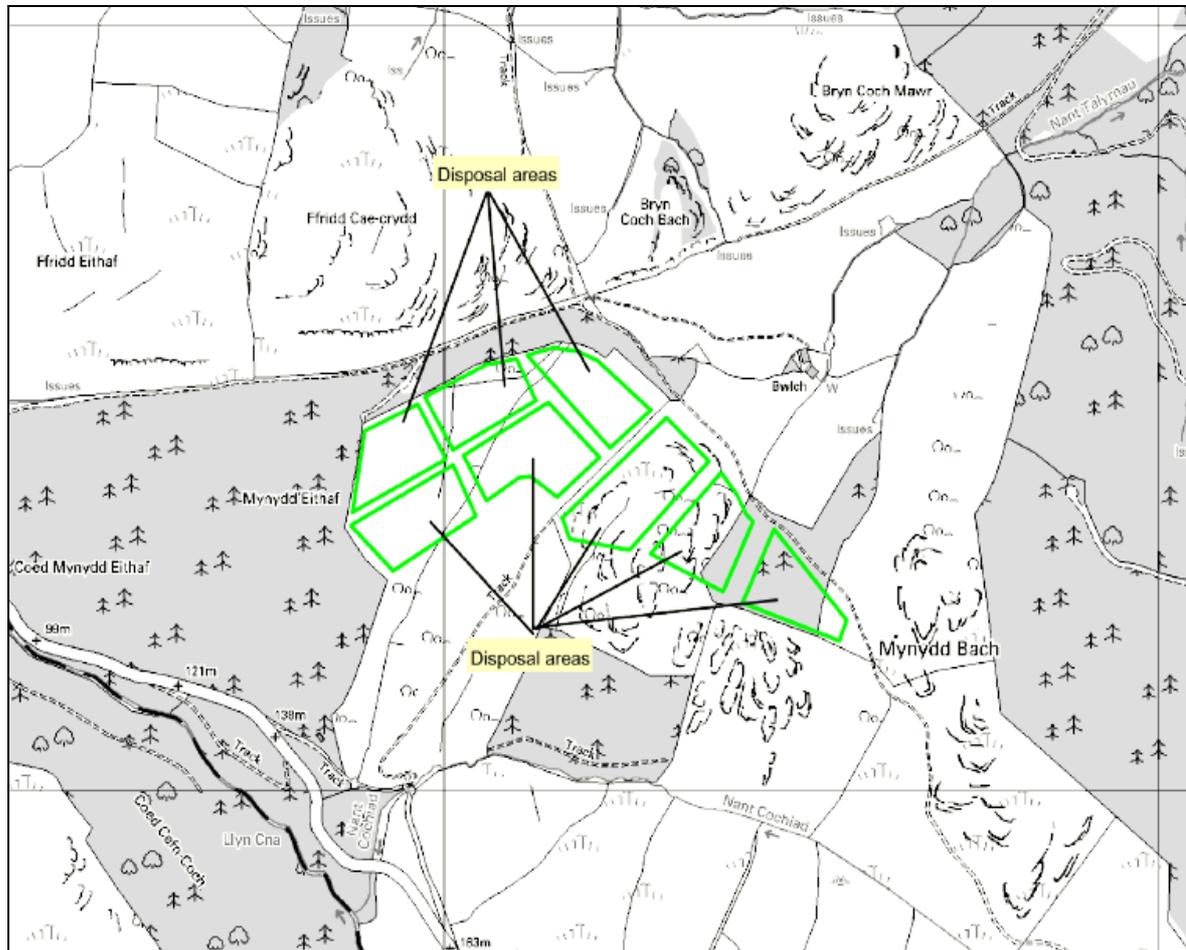
“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“SSSI” means Site of Special Scientific Interest within the meaning of the Wildlife and Countryside Act 1981 (as amended by the Countryside and Rights of Way Act 2000).

“Under drained” means drainage of land where a system of pipes or mole drains have been installed in poorly drained ground (for example clays) to direct percolating water away and prevent water logging.

“year” means calendar year ending 31 December.

Schedule 7 - Site plan



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END OF PERMIT