

PERMIT NO:	GWN0581
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TO: Mr Edwin Jones
Ty Mawr
Tir Llannerch
Carrog
Corwen
LL21 9BH

Our ref: GWN0581

Your ref:

Date: 4th February 2010

Dear Mr Edwin Jones

Groundwater Regulations 2009

Regulation 13

Notice of variation of permit

Following a review of the conditions of permit no. GWN0581 granted on 19th June 2000 the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Groundwater Regulations 2009 and in accordance with Regulation 13 of those Regulations, **HEREBY GIVES NOTICE OF VARIATION**

FOR: the making of a discharge **OF** sheep dip

FROM: a sheep dip facility

AT: Ty Mawr, Tir Llannerch, Carrog, Corwen, Sir Ddinbych

TO: Land

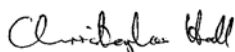
HEREAFTER SUBJECT TO the conditions set out in the following schedule(s):
GWN0581 01

The authorisation is varied for the following reason(s):

1. To ensure compliance with the new Groundwater Regulations 2009
2. To ensure compliance with the Environmental Permitting (England and Wales) Regulations 2007.
3. Following a review.

This variation notice is served on this 4th day of February 2010

This variation takes effect on this 4th day of February 2010



Signed

Christopher Hall – National Permitting Team Leader

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DATE ISSUED:	4/02/10

GENERAL

- 1** The discharge shall consist only of used / waste sheep dip, derived from use at Ty Mawr, Tir Llannerch, Carrog, Corwen from sheep dip 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).
- 2** The discharge shall be undertaken at the location specified in Condition 3 below so that:
 - (a) There shall be no direct input of hazardous substances (set out in Annex 1 to this Permit) to groundwater or surface waters;
 - (b) Groundwater (as defined by the Groundwater Regulations 2009) is not polluted;
 - (c) The discharge shall not cause any adverse effects on sources of water intended for human consumption;
 - (d) The discharge of hazardous substances and/or other non-hazardous pollutants (as defined by the Regulations) shall only be made in accordance with the following conditions of this Permit.
 - (e) The Permit Holder shall take all practicable measures to minimise adverse environmental impact of the discharge.
- 3** The discharge shall be made by application onto an overall disposal site:
 - (a) Centred at National Grid Reference SJ 13312 43346
 - (b) As shown marked on the attached Plan GWN0581 (including boundary of the overall disposal site) and sub-divided into individual areas for each disposal.
- 4** The discharge 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 discharge of used / waste sheep dip shall not be made to land on which crops are currently being grown for human consumption.

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- 5** 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 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) **250 metres** of any well, spring or borehole where the water is intended for human consumption;
 - (d) **25 metres** of an identified swallow hole, sink hole or doline.
- 6** No discharge shall be made to field boundaries or to a strip of land at least **10 metres** wide adjacent to any field boundary or footpath.
- 7** No discharge of used / waste 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** Discharge equipment and / or methods shall be designed and operated such that the requirements of Conditions 10 and 11 are met.
- 9** The discharge to the same individual area of land within the overall disposal site identified in condition 3 above shall not be undertaken more frequently than once per year. A maximum of 2 discharges may be made per year, but the area of land must be rotated within the overall disposal site.

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VOLUME

- 10** The maximum volume of used / waste sheep dip (**of working strength**), before any dilution to assist safe spreading, shall not exceed 1 cubic metre **per day** and 2 cubic metres **per annum** disposed of to the land identified in Condition 3 above.

APPLICATION RATE

- 11** The maximum **daily** application 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 exceed 4 cubic metres spread evenly on a minimum of 0.2 hectares of the land identified in condition 3 above.

DISCHARGE PERIOD

- 12** The discharge or tipping of used / waste sheep dip shall **only** be carried out **between** the dates of 1 January and 31 December each year inclusive for the duration of this Permit.

MONITORING/REPORTING

- 13** Records shall be made available for inspection on request by the Environment 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 used / waste sheep dip disposed;
 - (b) rates of discharge;
 - (c) location and area of discharge;
 - (d) nature of used dip (marketing authorisation name will suffice);
 - (e) any materials added to dilute or treat the used / waste sheep dip including water or slurry.

Annex 1

Meaning of “hazardous substance” controlled under the Groundwater Regulations 2009

A hazardous substance is any substance or group of substances that are toxic, persistent and liable to bio-accumulate.

This includes in particular the following when they are toxic, persistent and liable to bio-accumulate:

- (a) organohalogen compounds and substances which may form such compounds in the aquatic environment;
- (b) organophosphorous compounds;
- (c) organotin compounds;
- (d) substances and preparations, or the breakdown products of such, which have been proved to possess carcinogenic or mutagenic properties or properties which may affect steroidogenic, thyroid, reproduction or other endocrine-related functions in or via the aquatic environment;
- (e) persistent hydrocarbons and persistent and bioaccumulable organic toxic substances;
- (f) cyanides;
- (g) metals (in particular cadmium and mercury) and their compounds;
- (h) arsenic and its compounds;
- (i) biocides and plant protection products.

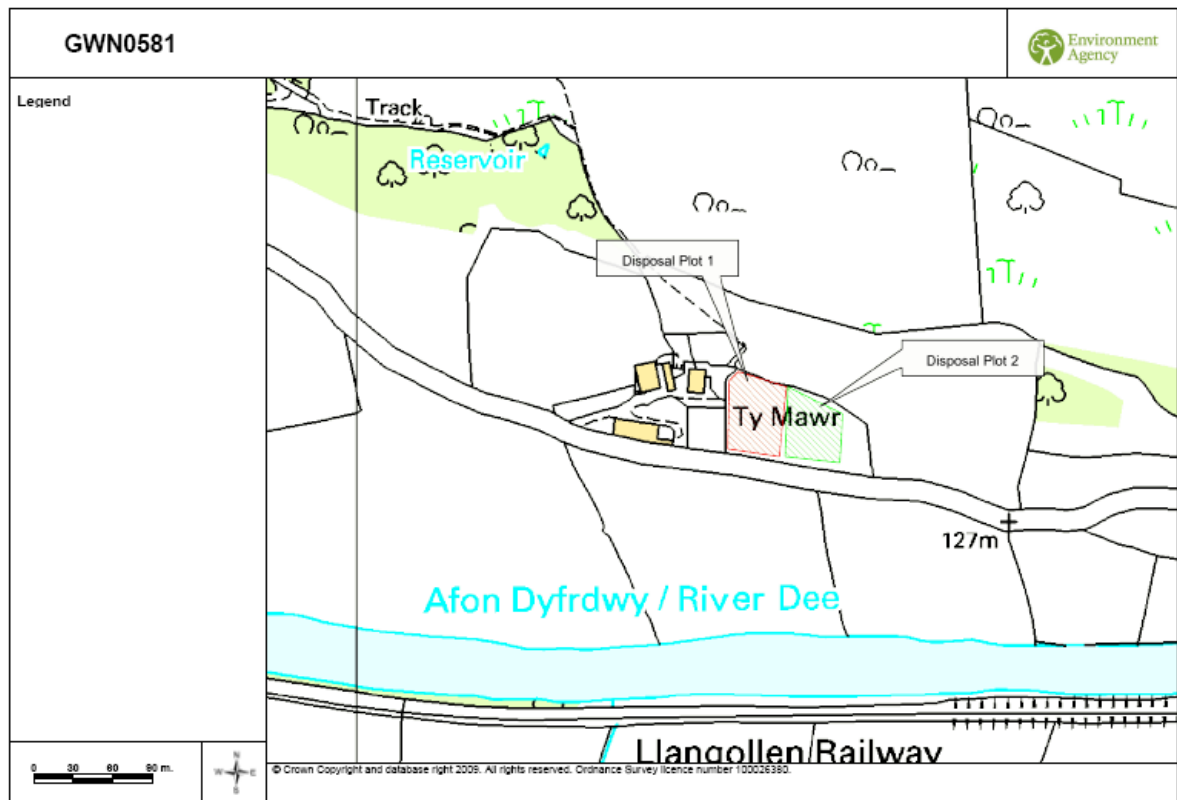
Non-hazardous pollutants

A non-hazardous pollutant is any pollutant other than a hazardous substance.

Note:

Note: In accordance with the Groundwater Regulations 2009, the Agency publishes a list of those substances that it considers to be hazardous for the purposes of these regulations on its website (www.environment-agency.gov.uk) together with the criteria for determining toxicity, persistence and bioaccumulation. Alternatively you may also request this information by telephoning the National Customer Contact Centre enquiry line on 08708 506506.

Site Plan: GWN0581



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