

CONSENT NO.	CM0094501
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ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dŵr Cymru Cyfyngedig
Pentwyn Road
Nelson, Treharris
CF46 6LY

Following a review of the conditions of its consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY MODIFIES ITS CONSENT** to the making of a discharge **OF SEWAGE EFFLUENT**, as follows:

Biologically treated sewage effluent

with respect to Consent No. CM0094501 issued on the 24th day of February 1983

FROM: Sarnau Sewage Treatment Works

AT: Sarnau

TO: Cors Sarnau

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

Biologically treated sewage effluent

Schedule No. CM0094501 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the effect of modifications made by this notice, without the agreement in writing of the consent holder, during a period of 4 years from the date this notice is served, other than for the purposes described in Condition 11 of the attached Schedule.

Dated this 21st day of January 2002

Signed.....

SIÂN OWENS
Team Leader Water Quality Consents

Asiantaeth yr Amgylchedd
Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ Ffon 01244 550124 Ffacs 01244 550144

Environment Agency
Chester Road, Buckley, Flintshire CH7 3AJ Tel 01244 550124 Fax 01244



CONSENT NO.	CM0094501
SCHEDULE NO.	CM0094501 01
DATED	21st January 2002



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CONDITIONS OF CONSENT TO DISCHARGE

BIOLOGICALLY TREATED SEWAGE EFFLUENT ("the Discharge")

FROM: Sarnau Sewage Treatment Works

NATURE

1. The Discharge shall consist solely of biologically treated sewage effluent containing no trade effluent.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 150 millimetre diameter pipe;
 - (b) discharging to the Cors Sarnau;
 - (c) at National Grid Reference SH 9711 3934;
 - (d) shown marked 'Consent Point' on Plan CM 0094501 attached as Annex 1.

SAMPLE POINT

3. The outlet to controlled waters shall be maintained and appropriately labelled so that a representative sample of the Discharge may be obtained at National Grid Reference SH 9711 3934 as shown marked 'Consent Point' on Plan CM0094501.

VOLUME

- 4 The Dry Weather Flow of the Discharge shall not exceed 3.95 cubic metres per day.

For the purpose of this condition Dry Weather Flow shall mean the average daily flow to the treatment works during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.



CONSENT NO.	CM0094501
SCHEDULE NO.	CM0094501 01



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

WORKS OPERATION

5. The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.

This condition does not require any alteration of the works or a change in the type of treatment used.

MAINTENANCE

6. The works shall be operated and maintained in accordance with good operational practice such that:
- (a) it remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;
 - (b) following a failure all equipment shall be returned to normal operation as soon as practicable;
 - (c) tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.

UNUSUAL WEATHER CONDITIONS

7. (a) No inspection of the sewage treatment works, made at a time when unusual weather conditions are adversely affecting the operation of the sewage treatment works, shall be taken into account in deciding whether or not the conditions contained in paragraph(s) 5 and 6 of this consent have been complied with.



CONSENT NO.	CM0094501
SCHEDULE NO.	CM0094501 01



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

- (b) For the purpose of this condition "unusual weather conditions" shall include:
- (i) low ambient temperatures as evidenced by effluent temperatures of 5°C or less, or by the freezing of mechanical equipment in the works;
 - (ii) significant snow deposits;
 - (iii) tidal or fluvial flooding;
 - (iv) weather conditions causing unforeseen loss of power supply to the sewage treatment which could not be ameliorated by the reasonable provision and operation of standby generation facilities.
- (c) On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the Consent Holder shall use its best endeavours to mitigate that adverse effect.
- (d) For an inspection of the sewage treatment works to be considered for the purposes of (a) above, the Consent Holder shall notify the Agency by telefax or telephone as soon as unusual weather conditions are known to have adversely affected operations and shall confirm the circumstances in writing as soon as possible thereafter (and in any event within 14 days of the occurrence of such conditions). That notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

RECORDING AND REPORTING

8. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
- (c) The Consent Holder shall supply the Agency with an annual written summary report confirming the operation of the maintenance programme.
- (d) The Consent Holder shall as soon as reasonably practicable report all non-routine actions that may have adversely affected effluent quality.



CONSENT NO.	CM0094501
SCHEDULE NO.	CM0094501 01



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

SUBSTANTIAL CHANGE

9. (a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
- (b) A discharge of trade effluent into the works is new if -
- (i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of effect of this consent; or
 - (ii) it is made by a third party and the discharge is authorised on or after that date;
- (c) A discharge of trade effluent into the works is altered if -
- (i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after the date of effect of this consent; or
 - (ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
- (d) An increase in the polluting effects of the discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristic of the discharge which is specifically regulated by conditions in this consent but it may be significant if it is caused by a change in some other characteristic of the discharge.
- (e) For the purposes of this condition "trade effluent" means -
- (i) any discharge by the sewerage undertaker other than
 - (1) domestic sewage from premises connected directly or indirectly to the works; or
 - (2) surface water run-off;
 - (ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.



CONSENT NO.	CM0094501
SCHEDULE NO.	CM0094501 01



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

UNAUTHORISED DISCHARGES

10. (a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.
- (b) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- (c) Nothing in this, or any other, condition of this consent prevents anyone from relying on any evidence available to them under section 87 of the Water Resources Act 1991.

HABITATS DIRECTIVE "EARLY REVIEW"

11. The Agency may alter any of the conditions of this Consent at any time within 4 years of the date of issue for the purposes of the Conservation (Natural Habitats & c.) Regulations 1994 as amended.



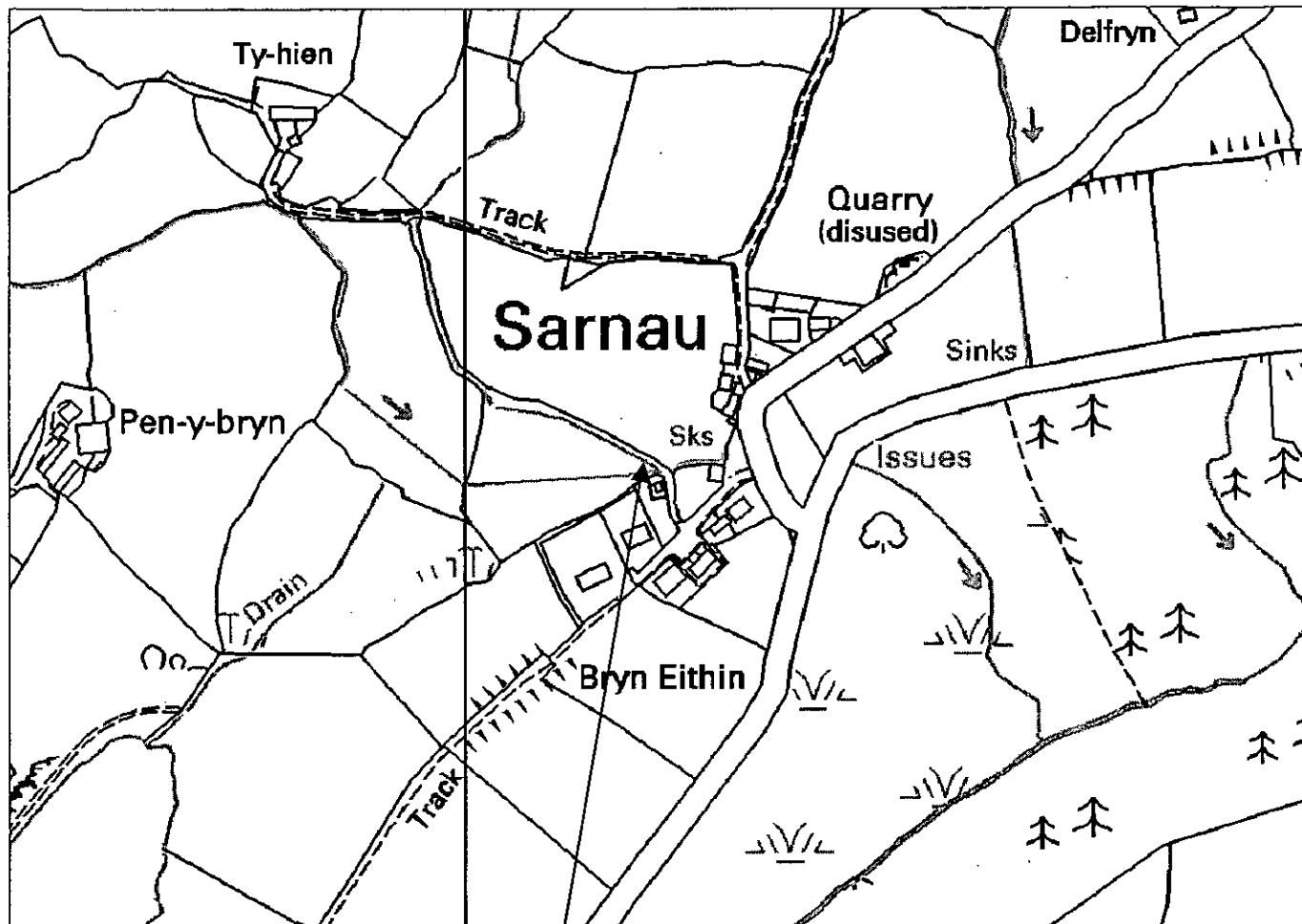
CONSENT NO. CM0094501



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ANNEX 1

Plan No. CM 0094501



Consent Point

NOT TO SCALE

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