



ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

**ENVIRONMENT AGENCY WALES
NORTHERN AREA
CONSENT REVIEW 2004**

UWWTD

[URBAN WASTE WATER TREATMENT DIRECTIVE 1991]

FILE NOTE

A snapshot of WRA 91 Discharge Consents qualifying for review under UWWTD was extracted from WIMS (EA electronic Public Register) on the 21st April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CM0018901	VERSION :	1		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	LLANSANNAN STW				
EXTANT CONSENT ISSUE DATE :	09/03/1982	EFFECTIVE DATE :	09/03/1982		
DWF (m ³ /day) :	65.5	MAX DAILY VOL. (m ³ /day) :	196.5	RATE (l/s) :	2.3

Records held on WIMS show LLANSANNAN STW (CM0018901) to be extant under version 1 issued 09/03/1982 with numeric consent conditions, effective 09/03/1982. The works is currently consented to discharge a max daily volume of 196.5m³/day effluent to the ALED at NGR SH9371066010.

UWWTD directive aims to deliver a standard level of sewage treatment throughout EC member states. This has been interpreted as prescribing a minimum of secondary biological treatment (package plant or equivalent) on all discharges made to a controlled surface water; or a minimum of primary (septic tank or equivalent) treatment on all discharges made to ground.

The discharge of 196.5m³/day effluent to 'ALED', for the purposes of this review, is described as 'secondary treated effluent to surface waters'. This treatment / receiving water combination has been assessed* as APPROPRIATE under the UWWTD review. This consent is reviewed as APPROPRIATE under UWWTD as of 01/09/2005.

* NB: the assessment of this Discharge Consent to meet UWWTD 'appropriate treatment' criteria is based solely on provision of the appropriate 'threshold' level of minimum treatment for the receiving medium. This review does not assess appropriateness in terms of the specific river needs of the receiving water stretch.

Iwan Williams
Regulatory Team Leader (Water Quality)

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: DWR CYMRU CYFYNGEDIG
CONSENTS REGULATION OFFICER
PLAS-Y-FFYNNON
CAMBRIAN WAY
BRECON LD3 7HP

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CM0018901

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at LLANSANNAN STW

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To:

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent:

Name:

Address:

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: *delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s):

Signed:

Dated:

Name (block capitals):

Position:

JWE/5/96

(to be completed when signing
on behalf of corporate bodies)



LOCAL GOVERNMENT ACT 1972 WATER ACT 1973
RIVERS (PREVENTION OF POLLUTION) ACTS 1951-1961
WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

NOTIFICATION OF VARIATION OF CONSENT
for a discharge of treated sewage effluent

To : WELSH WATER AUTHORITY

This Notice is issued under the above-mentioned Acts and Order and all other enabling powers as a NOTICE DEEMED TO HAVE BEEN GIVEN BY THE SECRETARY OF STATE FOR WALES, in respect of the existing discharge of treated sewage effluent from the Authority's :

LLANSANNAN SEWAGE TREATMENT WORKS

via an existing outlet and subject hitherto to a previous consent as specified below.

THE EXISTING OUTLET is to : the Afon Aled

at National Grid Reference : SH 9371 6601

and has been shown marked : Discharge Point

on the attached Plan, No. : RW/0676/1/1

THE PREVIOUS CONSENT was : The Consent Reference No. - 189

granted on : 25th November 1963

by : Dee and Clwyd River Authority

to : Aled Rural District Council

The Authority submitted this Notification of Variation on : 9th December 1981 to the Secretary of State for Wales in the form of a draft and the Secretary of State has NOT, within the relevant period, given notice of his intention to determine this matter. This discharge is therefore (in substitution for all the conditions hitherto in force) subject only to the following conditions as from : 9th March 1982

CONDITIONS

1. The discharge shall consist only of treated sewage effluent from the above works.
2. The quality and quantity of effluent shall not exceed the following maximum values:

<u>Determinand</u>	<u>Value</u>	<u>Unit</u>
Biochemical Oxygen Demand (+ATU) over 5 days at 20°C	50	milligrams per litre
Suspended Solids dried at 105°C	60	milligrams per litre

Rate of discharge	2.3	litres per second
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Volume during any period of 24 consecutive hours	196.5	cubic metres
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Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours	65.5	cubic metres
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3. Adequate facilities shall be provided for the taking of samples of the effluent at:
outlet from humus tank.

The terms of this Notice will not, without the consent in writing of the person to whom this Notice is given, (or his successor), be altered before the expiration of the period ending with the Ninth day of March 1984 .

This Notification is issued by the Directorate of Scientific Services, Headquarters, Welsh Water Authority, Cambrian Way, Brecon, Powys.

WELSH WATER AUTHORITY

PLAN NO. RW/0676/I/1

LLANSANNAN

SEWAGE TREATMENT WORKS

This is the Plan referred to
in the Variation of Consent

Number RW/0676/I/1

DISCHARGE POINT

9371 6601

DIV REF 31-657-01
LLANSANNAN SEWAGE TREATMENT WORKS

REGISTER OF CONDITIONS

AND OTHER TERMS

IMPOSED UNDER SECTION 7 OF THE RIVERS (PREVENTION OF POLLUTION) ACT, 1951
(AS APPLIED BY THE CLEAN RIVERS (ESTUARIES AND TIDAL WATERS) ACT, 1980)
AND THE RIVERS (PREVENTION OF POLLUTION) ACT, 1961.

No. 189
(Amended)

DATE ON WHICH CONDITION CAME INTO FORCE AND PERIOD OF EFFECT	FULL ADDRESS OR OTHER SUFFICIENT DESCRIPTION OF LAND OR PREMISES TO WHICH THE TERM OR CONDITION RELATES												
9th March, 1982.	Welsh Water Authority Llansannan Sewage Treatment Works.												
USE OF NEW OR ALTERED OUTLET	DISCHARGE OF TRADE OR SEWAGE EFFLUENT												
CONDITIONS IMPOSED WITH RESPECT TO:- (i) PRECISE LOCATION OF OUTLET Discharge to the Afon Aled at NGR SH.9371 6601. (ii) CONSTRUCTION OF OUTLET (OTHER THAN CONDITIONS TO BE SATISFIED BEFORE OUTLET IS BROUGHT INTO USE) (iii) USE OF OUTLET Discharge of treated sewage effluent only. (iv) USE OF ANY OTHER OUTLET FOR TRADE OR SEWAGE EFFLUENT FROM THE SAME LAND OR PREMISES	CONDITIONS IMPOSED WITH RESPECT TO:- (i) NATURE AND COMPOSITION OF DISCHARGE - The discharge shall consist only of treated sewage effluent from the above works. - The quality and quantity of effluent shall not exceed the following <u>maximum</u> values: <table border="0"> <thead> <tr> <th>Determinand</th><th>Value/Unit</th></tr> </thead> <tbody> <tr> <td>Biochemical Oxygen Demand (+ATU) over 5 days at 20°C.</td><td>50 mg/l.</td></tr> <tr> <td>Suspended Solids dried at 105°C.</td><td>60 mg/l.</td></tr> <tr> <td>Rate of discharge.</td><td>2.3 l/sec.</td></tr> <tr> <td>Volume during any period of 24 consecutive hours.</td><td>196.5 cu.m.</td></tr> <tr> <td>Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours.</td><td>65.5 cu.m.</td></tr> </tbody> </table> (ii) TEMPERATURE OF DISCHARGE (iii) VOLUME OR RATE OF DISCHARGE OF EFFLUENT FROM LAND OR PREMISES * (iv) PROVISION OF FACILITIES FOR TAKING SAMPLES Adequate facilities <u>shall</u> be provided for the taking of samples of the effluent at the outlet from humus tank. (v) DATE OF EXPIRATION OF PERIOD SPECIFIED UNDER S.5(2) OF 1961 ACT 9th March, 1984.	Determinand	Value/Unit	Biochemical Oxygen Demand (+ATU) over 5 days at 20°C.	50 mg/l.	Suspended Solids dried at 105°C.	60 mg/l.	Rate of discharge.	2.3 l/sec.	Volume during any period of 24 consecutive hours.	196.5 cu.m.	Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours.	65.5 cu.m.
Determinand	Value/Unit												
Biochemical Oxygen Demand (+ATU) over 5 days at 20°C.	50 mg/l.												
Suspended Solids dried at 105°C.	60 mg/l.												
Rate of discharge.	2.3 l/sec.												
Volume during any period of 24 consecutive hours.	196.5 cu.m.												
Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours.	65.5 cu.m.												
REMARKS-	REMARKS-												

REGISTRATION OF CONDITIONS

OTHER TERMS

IMPOSED UNDER SECTION 7 (THE RIVERS (PREVENTION OF POLLUTION) ACT, 1951
(AS APPLIED BY THE CLEAN RIVERS (ESTUARIES AND TIDAL WATERS) ACT, 1960)
AND THE RIVERS (PREVENTION OF POLLUTION) ACT, 1961.

No. 189.

CM00189-01

CAT. NO. R.B.12 SAMP & SONS LTD., FETTER LANE, E.C.4.

DATE ON WHICH CONDITION CAME INTO FORCE AND PERIOD OF EFFECT	FULL ADDRESS OR OTHER SUFFICIENT DESCRIPTION OF LAND OR PREMISES TO WHICH THE TERM OR CONDITION RELATES
25th November, 1963.	Llansannan Sewage Disposal Works. (Aled Rural District Council, Council Offices, 34 Water Street, Rhyl, Flintshire.)
USE OF NEW OR ALTERED OUTLET	DISCHARGE OF TRADE OR SEWAGE EFFLUENT
CONDITIONS IMPOSED WITH RESPECT TO:- (i) PRECISE LOCATION OF OUTLET Discharge to Afon Aled (right bank) approximately 400 yards downstream of Llansannan Bridge. (ii) CONSTRUCTION OF OUTLET (OTHER THAN CONDITIONS TO BE SATISFIED BEFORE OUTLET IS BROUGHT INTO USE) (iii) USE OF OUTLET Discharge of domestic sewage effluent from above-named Sewage Disposal Works. (iv) USE OF ANY OTHER OUTLET FOR TRADE OR SEWAGE EFFLUENT FROM THE SAME LAND OR PREMISES	CONDITIONS IMPOSED WITH RESPECT TO:- Discharge shall consist of domestic sewage effluent into Afon Aled. (i) NATURE AND COMPOSITION OF DISCHARGE For all flows up to 3 x Dry Weather Flow the effluent discharged shall (a) have a pH between 5 and 9; (b) have a Biochemical Oxygen Demand in 5 days at 20°C of not more than 20 p.p.m.; (c) contain not more than 30 p.p.m. Suspended Solids, by weight, dried at 105°C. Should the flow at any time exceed 3 x Dry Weather Flow then the excess flow over and above that figure shall receive sedimentation and shall, when discharged to the river, have a pH between 5 and 9 and contain not more than 150 p.p.m. Suspended Solids, by weight, dried at 105°C. (ii) TEMPERATURE OF DISCHARGE (iii) VOLUME OR RATE OF DISCHARGE OF EFFLUENT FROM LAND OR PREMISES The effluent discharged shall have a Dry Weather Flow of not more than 14,400 gallons per day. * (iv) PROVISION OF FACILITIES FOR TAKING SAMPLES (v) DATE OF EXPIRATION OF PERIOD SPECIFIED UNDER S.5(2) OF 1961 ACT 1st December, 1965.
REMARKS-	REMARKS-