



CM0021701\_2006\_02\_27

ASiantaeth Yr  
Amgylchedd Cymru  
Environment  
Agency WalesENVIRONMENT 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 21<sup>st</sup> April 2004. All details shown on this file note are based on the permission extant as of this date.

|                             |                      |   |             |              |  |
|-----------------------------|----------------------|---|-------------|--------------|--|
| CONSENT REF :               | CM0021701            | VERSION :                                 | 3           |              |  |
| OPERATOR :                  | DWR CYMRU CYFYNGEDIG |   |             |              |  |
| DISCHARGE SITE :            | PONTFADOG STW        |   |             |              |  |
| EXTANT CONSENT ISSUE DATE : | 16/11/1987           | EFFECTIVE DATE :                          | 16/11/1987  |              |  |
| DWF (m <sup>3</sup> /day) : |                      | MAX DAILY VOL.<br>(m <sup>3</sup> /day) : | UNSPECIFIED | RATE (l/s) : |  |

Records held on WIMS show PONTFADOG STW (CM0021701) to be extant under version 3 issued 16/11/1987 with descriptive consent conditions, effective 16/11/1987. The works is currently consented to discharge a max daily volume of UNSPECIFIEDm<sup>3</sup>/day effluent to the CEIRIOG at NGR SJ2417038440.

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 UNSPECIFIEDm<sup>3</sup>/day effluent to 'CEIRIOG', 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 CM0021701

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS  
at PONTFADOG 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:**

1/92/3/96

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



THE CONTROL OF POLLUTION ACT 1974: SECTION 34  
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES)  
REGULATIONS 1984 (SI 1984 NO 1200)

CERTIFICATE TO BE SUBMITTED WITH A REQUEST FOR A  
DESCRIPTIVE DISCHARGE CONSENT

On behalf of the Welsh Water Authority we certify that, in respect of the discharge from the Authority's sewage treatment works at \_\_\_\_\_

PONTFADOG  
(National Grid Reference SI242 384).

1. The effluent derives from domestic sewage from a population of 250 or less and contains no authorised trade waste.
2. There are no potable water supply intakes downstream which are likely to be adversely affected.
3. As far as is reasonably practicable, the works shall be operated so as to prevent:
  - i any matter being present in the effluent which will cause the receiving water to be poisonous or injurious to fish or to their spawn or spawning grounds or food or otherwise cause damage to the ecology of the receiving waters; and
  - ii the treated effluent from having any adverse visual and other environmental impact.
4. The authority will operate the works having regard so far as is relevant, to the guidance set out in the National Water Council's Occasional Technical Paper Number 4, "The Operation and Maintenance of Small Sewage Works" dated January 1980. In particular the works shall be maintained properly such that:
  - a. it remains fully operational except at times of mechanical or electrical breakdown;
  - b. any such breakdowns shall be attended to promptly and the equipment returned to normal operation as soon as possible; and
  - c. tanks shall be desludged at sufficient frequency and in such a manner as to present problems with septic sludge, rising sludge for excessive carryover of suspended solids.

Signed .....  
(Name) .....  
Divisional Operations Manager

Signed .....  
(Name) .....  
District Scientist

Dated this .....  
Day of ..... 1987

WO REF WEP/WS 9111/23

WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 AND 55  
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984  
CONSENT FOR A DISCHARGE

1. The Welsh Water Authority (hereinafter referred to as 'the Water Authority') proposes to discharge sewage effluent from the Pontfadog Sewage Treatment Works to the River Ceiriog at National Grid Reference SJ 2417 3844 in accordance with the application dated 6 October 1987.
2. The proposal requires the consent of the Secretary of State for Wales in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 and the Control of Pollution (Discharges by Authorities) Regulations 1984.
3. THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the discharge conforming at all times to the terms of the certificate attached hereto.

Dated this *sixteenth* day of  
*November* 1987

Signed *P. R. Moxley*  
on behalf of the Secretary  
of State for Wales

CM00/217p1

WEP/24/D5

CONSENT VARIATION

RIVERS (CONTROL OF POLLUTION) ACTS 1951-1961

THE WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

I am directed by the Secretary of State for Wales to refer to the discharge consent in respect of the ~~PONTFADOG~~..... sewage treatment works dated 24... APRIL..... 1964.

The Secretary of State for Wales, having consulted with the Welsh Water Authority, hereby gives notice that in exercise of his powers under Articles 4(8) and 8 of the Water Authorities (Control of Discharges) Order 1978 (SI 1978 No 1210), the conditions imposed on the said consent shall be varied in the following terms:

CONDITIONS

The quality and quantity of effluent shall not exceed the following maximum values:

Biochemical Oxygen Demand (+ ATU) over 5 days at 20°C;.....150..... milligrammes per litre.

Suspended Solids dried at 105°C; .....150..... milligrams per litre.

Ammoniacal ammonia expressed as nitrogen .....50.....milligrams per litre.

Dry Weather Flow ..... litres per second or ...34..... metres cubed per day.

maximum rate of flow 1.2 litres per second  
or 102 metres cubed per day.

This variation takes effect from the 30.. January 1985.

This notice should be retained with the consent dated 24... APRIL...1964.

*George Roberts*  
WEP Division  
Welsh Office

# 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, 1960)  
AND THE RIVERS (PREVENTION OF POLLUTION) ACT, 1961.

No. 217.

NOTICE.

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

|   |   |
|---|---|
| DATE ON WHICH CONDITION<br>CAME INTO FORCE AND PERIOD OF EFFECT   | FULL ADDRESS OR OTHER SUFFICIENT DESCRIPTION OF<br>LAND OR PREMISES TO WHICH THE TERM OR CONDITION RELATES  |
| 24th April, 1964.   | Pontfadog Sewage Disposal Works.<br>(Ceiriog Rural District Council, Council Offices, Chirk, Wrexham, Denbighshire.)  |
| USE OF NEW OR ALTERED OUTLET  | DISCHARGE OF TRADE OR SEWAGE EFFLUENT   |
| <p>CONDITIONS IMPOSED WITH RESPECT TO:-</p> <p>(i) PRECISE LOCATION OF OUTLET</p> <p>(ii) CONSTRUCTION OF OUTLET<br/>(OTHER THAN CONDITIONS TO BE SATISFIED<br/>BEFORE OUTLET IS BROUGHT INTO USE)</p> <p>(iii) USE OF OUTLET</p> <p>(iv) USE OF ANY OTHER OUTLET FOR TRADE OR SEWAGE<br/>EFFLUENT FROM THE SAME LAND OR PREMISES</p> | <p>CONDITIONS IMPOSED WITH RESPECT TO:-</p> <p>(i) NATURE AND COMPOSITION OF DISCHARGE<br/>Discharge shall consist of domestic sewage effluent into<br/>the River Ceiriog.</p> <p>For all Flows up to 3 x Dry Weather Flow the effluent discharged<br/>shall (a) have a pH between 5 and 9; (b) have a Biochemical Oxygen<br/>Demand in 5 days at 20°C of not more than 20 p.p.m.; (c) contain<br/>not more than 30 p.p.m. Suspended Solids, by weight, dried at 105°C.</p> <p>Should the flow at any time exceed 3 x Dry Weather Flow then the<br/>excess flow over and above that figure shall receive sedimentation<br/>and shall, when discharged to the river, have a pH between 5 and 9 and<br/>contain not more than 1 p.p.m. Sulphide as H<sub>2</sub>S.</p> <p>(ii) TEMPERATURE OF DISCHARGE</p> <p>(iii) VOLUME OR RATE OF DISCHARGE OF<br/>EFFLUENT FROM LAND OR PREMISES<br/>The Dry Weather Flow of the effluent discharged shall not<br/>exceed 7,500 gallons a day.</p> <p>* (iv) PROVISION OF FACILITIES FOR TAKING SAMPLES</p> <p>(v) DATE OF EXPIRATION OF PERIOD SPECIFIED<br/>UNDER S.5(2) OF 1961 ACT</p> <p>31st May, 1966.</p> |
| REMARKS-  | REMARKS-  |