



CG0133001_2006_03_01



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 :	CG0133001	VERSION :	1		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	CROESOR STW - NEW WORKS				
EXTANT CONSENT ISSUE DATE :	02/09/1987	EFFECTIVE DATE :	02/09/1987		
DWF (m ³ /day) :	24.3	MAX DAILY VOL. (m ³ /day) :	UNSPECIFIED	RATE (l/s) :	0.49

Records held on WIMS show CROESOR STW - NEW WORKS (CG0133001) to be extant under version 1 issued 02/09/1987 with numeric consent conditions, effective 02/09/1987. The works is currently consented to discharge a max daily volume of UNSPECIFIEDm³/day effluent to the CROESOR at NGR SH6299044590.

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 UNSPECIFIEDm³/day effluent to 'CROESOR', 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 CG0133001

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at CROESOR STW - NEW WORKS

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:

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

JR



Copy to KJ → RF

HER MAJESTY'S
INSPECTORATE OF POLLUTION
Cathays Park Cardiff CF1 3NQ

Direct Line 0222 82 3175 Switchboard 0222 825111 GTN 2408

Your Reference RPD/CMO/65/6/S315

Our Reference WEP/WS 9111/9

Date *27* September 1987

Mr R Dale
WWA
Penrhosgarnedd
BANGOR
Gwynedd



Dear Roger

CROESOR STW - DISCHARGE CONSENT - CE 01330-01 - New Works

Reference your letter dated 9 September regarding the above works.

I accept your explanations and I will recommend a descriptive consent in the near future.

Would you please let me know the critical design parameters of the new plant in due course.

Yours sincerely

A A HOULDEN
Principal Inspector
HMIP (Water)



Y Swyddfa Gymreig

Parc Cathays
Caerdydd CF1 3NQ



Welsh Office

Cathays Park
Cardiff CF1 3NQ

Telex 498228

Telephone (Switchboard) 0222 825111 GTN Code 2408

(Direct Line) 0222 82

Fax: GP2- 0222 823204; GP3- 0222 823036

Mr R Dale
WWA
Penrhosgarnedd
BANGOR
Gwynedd

Eich Cyf/Your ref

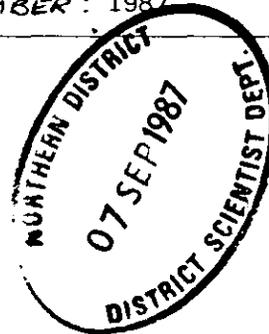
Ein Cyf/Our ref
WEP/WS 911/9

Dyddiad/Date

3 SEPTEMBER : 1987

Dear Mr Dale

**CROESOR STW
DISCHARGE CONSENTS**



At first sight the *dilution* figure of 1/142 does seem to imply that a descriptive consent is appropriate here.

However, in the description given you say that the existing septic tanks have caused complaint and that they have caused pollution of the stream.

The whole idea of a *descriptive* is that even if the plant does not afford any treatment at all the effect on the water course will be minimal. This situation on the face of it does not seem to apply here.

I notice that the river flow has been estimated by the usual catchment losses method. Perhaps the figure given should be checked in situ.

Meanwhile I have included, in the consent 150/150 for BOD and SS.

Yours sincerely

PP
Miss. C. G. Ward
A A HOULDEN
Principal Inspector HMIP (Water)



WELSH OFFICE

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

WHEREAS

1. The WELSH WATER AUTHORITY (hereinafter referred to as 'the Water Authority') proposes to discharge biologically treated sewage effluent from the Croesor Sewage Treatment Works to the Afon Croesor at national grid reference SH 6299 4459 as shown on the attached plan.

2. The proposals require the consent of the Secretary of State for WALES in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984 (hereinafter referred to as 'the Regulations').

3. In accordance with the provisions of Regulation 2 of the Regulations the Water Authority have submitted the proposals to the Secretary of State in the form of an application for consent dated 10 February 1987

THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the conditions specified in the Schedule hereto attached.

Dated this
1987

2nd day of September

Signed P. R. Mansden

On behalf of the Secretary
of State for Wales



SCHEDULE

Conditions prescribed for the discharge of biologically treated sewage effluent to the Afon Croesor at the Croesor Sewage Treatment Works

"Sewage" can mean domestic sewage alone or in admixture with industrial waste water(s).

1. The nature of the effluent shall be biologically treated sewage effluent
2. Adequate facilities shall be provided for the Secretary of State's representative so as to enable samples of the effluent to be conveniently obtained at grid reference SH 6299 4459
3. The Welsh Water Authority shall take samples of the effluent in accordance with the relevant provisions of the Authority's sampling periodicity guidelines for the time being in force and approved for this purpose by the Secretary of State (and as may be indicated below) and shall keep records of such samples and the results of analyses thereof for inspection by the Secretary of State's authorised representative.
4. The volume of effluent under dry weather conditions shall not exceed 24.3 cubic metres in any period of 24 hours.
5. The maximum rate of flow discharged to the river at any time shall not exceed 0.49 litres per second. All sewage flow rates up to the maximum quoted above shall receive biological treatment.
6. The analytical methods used for determining compliance or otherwise with this consent shall be assumed to be those specified in the latest edition of "Methods for the Examination of Waters and Associated Materials" published by



HMSO. Other methods of analysis may be used as alternatives to those specified in the above named publication providing that Secretary of State is satisfied that they give comparable or better performance characteristics. Such other methods shall be submitted for approval to the Secretary of State together with all necessary supporting evidence.

7. The quality of the effluent discharged to the river at all flow rates up to the maximum quoted in 5 above, shall not be inferior to the following numerical quality limits (determinands) save as provided for in the Annex (by reference to the table included therein) to this Schedule.

7a. The Suspended Solids concentration (dried at 105 degrees Celsius) shall not exceed 150 milligrams per litre.

7b. The BOD (Biochemical Oxygen Demand) concentration determined in the presence of 0.5 milligrams per litre of allyl-thiourea shall not exceed 150 milligrams per litre.

8. All the preceding provisions of this consent shall come into operation one calendar month after the works commissioning date should the commissioning date be in summer and after two calendar months should the commissioning date be in winter.+ During the commissioning period, that is from the works commissioning date to the date when all the provisions of this consent come into operation, the following condition shall apply:

1. During the commissioning period the Welsh Water Authority shall make every reasonable effort to maintain at all times a biomass/organic load relationship commensurate with full commissioning within the time scale allocated and at the same time maintaining the minimum possible pollutional load on the river in terms of flows and determinand concentrations emanating from the biological treatment units. The Authority shall inform the Welsh Office (WEP Division) of the commissioning date at least one calendar month prior to this date.

NOTE: +For the purposes of this consent "winter" shall be understood to commence on 31 October and finish on 31 March and "summer" to commence on 1 April and finish on 30 October.



9. Any previous consents issued by the Secretary of State in respect of effluents to which this discharge relates shall be revoked on the works commissioning date.



ANNEX

Where the number of samples taken in one year (that is from the 1 April to the 31 March) falls within any of the ranges given in Column 1 of the table below, the number of samples which are inferior to a specified numerical quality limit determinand set in Paragraph 7 shall not exceed the appropriate permitted number as listed in Column 2. A sample shall only be considered as having failed in relation to the particular determinand(s) for which the specified quality limit is exceeded. A sample shall be considered to be satisfactory in relation to other determinands, the concentration of which, are equal to or lower than the specified limit.

TABLE

Column 1	Column 2
Series of samples taken in any year	Maximum number of samples in which the same numerical quality limit may be exceeded.
4-7	1
8-16	2
17-28	3
29-40	4
41-53	5
54-67	6
68-81	7
82-95	8
96-110	9
111-125	10
126-140	11
141-155	12
156-171	13
172-187	14
188-203	15
204-219	16
220-235	17
236-251	18
252-268	19
269-284	20
285-300	21
301-317	22
318-334	23
335-350	24
351-365	25

