



*Awdurdod Afonydd Cenedlaethol
Rbanbarth Cymru*

*National Rivers Authority
Welsb Region*

Consent No. BP0215901

WATER RESOURCES ACT 1991

Under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers the National Rivers Authority hereby gives this

C O N S E N T

Page 1 of 3

To: Dŵr Cymru Cyfyngedig
Of: Plas Y Ffynnon, Cambrian Way, Brecon, Powys, LD3 7HP
For: A Discharge of Treated Sewage Effluent
To: Eastern Cleddau
From: Narberth West STW.

CONDITIONS OF CONSENT

- 1. The discharge shall consist only of biologically treated sewage effluent.**
- 2. The discharge shall be made in the manner and at the place specified as follows:-**

Discharging via : a pipe not exceeding 300mm diameter
Discharging to : Eastern Cleddau
At OS Grid Ref. : SN 0644 1471
As shown marked : Consent Point 'A' on the attached drawing/plan no. BP0215901/A

- 3. Adequate facilities, approved in writing by the Authority, shall be provided to enable representative samples of the discharge to be safely and conveniently obtained at any time at the sampling chamber at Narberth West STW., as shown marked 'Sampling Point' on the attached drawing/plan No. BP0215901/B.**

Continued/.....

Aelod Rhanbarthol o'r Bwrdd
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Rheolwr Rhanbarth Cyffredinol
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WATER RESOURCES ACT 1991
Continuation Sheet

Consent No. BP0215901

page 2 of 3

4. The volume of effluent discharged under dry weather flow conditions shall not exceed 1100.8 cubic metres per day.
5. The maximum rate of flow of effluent discharged shall not exceed 27.73 litres per second.
6. The maximum volume of effluent discharged shall not exceed 2395.8 cubic metres per day.
7. Calibrated apparatus, approved in writing by the Authority, shall be provided and maintained in full working order, to permit the instantaneous rate of flow of effluent discharged to be measured accurately at any time.
8. The quality of the effluent discharged at all flow rates up to the maximum specified in condition 6 shall neither be inferior to the following lower tier numerical limits, except as provided for in the Annex 1, nor to the upper tier limits.
9. The lower tier 5 day Biochemical Oxygen Demand (BOD ATU), determined at 20 degrees Celsius after the suppression of nitrification using allyl thiourea, shall not exceed 50 milligrammes of Oxygen per litre of sample. The upper tier BOD(ATU) shall not exceed 100 milligrammes of Oxygen per litre of sample.
10. The lower tier Suspended Solids concentration (dried at 105 degrees Celsius) shall not exceed 60 milligrammes per litre. The upper tier Suspended Solids concentration shall not exceed 150 milligrammes per litre.
11. The lower tier Ammoniacal Nitrogen concentration, expressed as Nitrogen, shall not exceed 25 milligrammes per litre. The upper tier Ammoniacal Nitrogen concentration shall not exceed 50 milligrammes per litre.

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Consent No. BP0215901

WATER RESOURCES ACT 1991
Continuation Sheet

page 3 of 3

12. The Authority shall be informed in writing as soon as reasonably practicable of any information received by Dwr Cymru to the effect that there has been or is likely to be discharged into the sewerage system connected to the works, a significant increase in the quantity of any of the substances listed in the attached Annex 2.
13. For the purposes of this consent 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 mm on one day.

This Consent is given on: 15th May 1992 on behalf of the Authority
by: J. H. W. H. H. Area Environmental Quality Manager

During the period ending with the 14 MAY 1994 the terms of this
Consent will not be altered without the written agreement of the person
making the discharge.

ANNEX 1.

Where the number of samples taken in any period of twelve consecutive months falls within any of the ranges within Column 1 of the table below, the number of samples which are inferior to the numerical quality limit in force at the time for any determinand 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. This annex shall not apply to the upper tier limits.

TABLE

<u>Column 1</u>	<u>Column 2</u>
Number of samples taken in any period of 12 months	Maximum number of samples permitted to exceed limit for given determinand
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

ANNEX 2.

<u>SUBSTANCE</u>	
Mercury	Fenthion
Cadmium	Parathion
g-Hexachlorocyclohexane	Parathion-methyl
DDT	Tetrachloroethylene
Pentachlorophenol	Trichloroethane
Hexachlorobenzene	Dioxins
Hexachlorobutadiene	Isodrin
Aldrin	
Dieldrin	
Endrin	
Polychlorinated Biphenyls	
Dichlorvos	
1,2 Dichloroethane	
Trichlorobenzene	
Atrazine	
Simazine	
Tributyltin compounds	
Triphenyltin compounds	
Trifluralin	
Fenitrothion	
Azinphos-methyl	
Malathion	
Endosulphan	
Carbon tetrachloride	
Chloroform	
Trichloroethylene	
Perchloroethylene	
Lead	
Chromium	
Zinc	
Copper	
Nickel	
Arsenic	
Iron	
pH	
Boron	
Vanadium	
PCSDs	
Cyfluthrin	
Sulcofuron	
Flucofuron	
Permethrin	
Cyanide	
Azinphos-ethyl	