



Consent No. CG0058801

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 Notice

REVIEW OF CONSENT

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To : Dŵr Cymru Cyfyngedig,

Of : Plas y Ffynnon, Cambrian Way, Brecon, Powys LD3 7HP.

In respect of the previous Consent No. CG0058801 issued on: 27th August, 1987

For : A discharge of sewage effluent

To : Nant Brisgyll

From: Llanffestiniog Sewage Treatment Works

THE FOLLOWING REPLACE ALL PREVIOUS CONDITIONS

- 1. (a) The discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
- (b) Provided that the discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by those conditions.
- 2. The discharge shall consist solely of biologically treated sewage effluent.
- 3. The volume of effluent discharged shall not exceed 536 cubic metres in any period of 24 consecutive hours. The rate of discharge shall not exceed 6.2 litres per second.

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4. The discharge shall be made from an outlet at National Grid Reference SH 6990 4152 into Nant Brisgyll as shown marked "Discharge Point" on the attached plan number CG0058801.
5. (a) Subject to paragraph 5(b) below, no sample of the discharge shall contain more than:
 - (i) 40 milligrams per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
 - (ii) 60 milligrams per litre of suspended solids (measured after drying at 105 degrees Celsius).
- (b) The limit for any of the relevant parameters set out in paragraph 5(a) may be exceeded where, in any series of samples of the discharge taken at regular but randomised intervals in any period of twelve consecutive months, as listed in Column 1 of the table at Annex 1 to this Consent, no more than the relevant number of samples, as listed in Column 2 of the said table, exceed the applicable limit for that parameter.
6. Flow measurement structures shall be provided and maintained to enable the daily volume and instantaneous flow rate of the discharge to be measured or determined as required.
7. A sample point at National Grid Reference SH 7000 4164, as shown marked "Sampling Point" on the attached plan number CG0058801, shall be constructed, maintained and appropriately labelled so that a representative sample of the biologically treated sewage effluent discharged may be obtained. The discharger shall ensure that all constituents of the discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown that any sample of the

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biologically treated effluent taken at the said sampling point is a sample of what was discharging into controlled waters.

8. The discharger shall notify the Authority in writing if any known introduction or change, in respect of discharges from trade premises to the sewerage system, occurs that may increase or introduce into the effluent any "dangerous substance" included on Lists I, II, or Red List (set out in Annex 2 to this notice as updated by the Authority from time to time, and notified to the discharger in writing), or any other substance considered by the discharger as having or likely to have a significant effect on the receiving waters.
9. No sample of sewage effluent taken at a time when Sections 87 (2) or 89 (1) of the Water Resources Act 1991 apply, and the operation of the sewage treatment works is consequently adversely affected, shall be taken into account in deciding whether or not the conditions contained in paragraphs 5 and 14 of this consent have been complied with.
10. On each occasion that the sewage treatment works is not under normal operating conditions for the reasons in paragraph 9, the discharger shall use its best endeavours to mitigate any adverse effect and shall notify the Authority by telephone/telefax as soon as practicable and confirm in writing within 14 days of occurrence of such conditions. That notification shall include a full description of the abnormal operating conditions and their impact on the operation of the works.
11. No samples of sewage effluent taken 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 paragraphs 5 and 14 of this consent have been complied with.

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12. 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 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.
13. On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the discharger shall use its best endeavours to mitigate that adverse effect. The discharger shall notify the NRA by telephone/telefax 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.

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14. As far as reasonably practicable, the works shall be operated so as to prevent:

- (a) any matter being present in the effluent, other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
- (b) the treated effluent from having any adverse environmental impact.

This Notice is given on: 17th March, 1995 on behalf of the Authority
 by: Area Environmental Quality Manager

During the period ending with the: 27th March, 1997 the terms of this
 Notice will not be altered without the written agreement of the person
 making the discharge.

ANNEX 1

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

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ANNEX 2

SUBSTANCE

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

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