



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

CONSENT NO.	CG0366201
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ANIOI

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

CONSENT TO DISCHARGE

TO: Dŵr Cymru Cyfyngedig
Plas y Ffynnon
Cambrian Way
Brecon
Powys LD3 7HP

The ENVIRONMENT AGENCY ("The Agency") in pursuance of its powers under the Water Resources Act 1991 HEREBY CONSENTS to the making of a discharge OF SEWAGE EFFLUENT as follows:	
Sewage in an Emergency	
FROM: Treborth Sewage Treatment Works	
AT: Bangor, Gwynedd	
TO: The Menai Strait	
SUBJECT TO the conditions set out in the following schedule(s):	
Sewage in an Emergency	Schedule CG036620101
Subject to the provisions of Paragraphs 6 and 7 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, altering the effect of this consent, without the agreement in writing of the discharger, during a period of 2 years from the date this consent takes effect.	
This consent is issued and takes effect on the 13th day of May 1996	
Signed Area Environmental Quality Manager	

Dr JOHN STONER Rheolwr Cyffredinol Rhanbarthol / Regional General Manager
Asiantaeth yr Amgylchedd
Llwyn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd LL57 4DE.
Ffôn: (01248) 670770, Ffacs: (01248) 670561, GTN 7-26 X 4000
Environment Agency
Llwyn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd LL57 4DE.
Tel: (01248) 670770, Fax: (01248) 670561, GTN 7-26 X 4000

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DATE ISSUED	13/05/96

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

FROM: Treborth Sewage Treatment Works

NATURE

1. The Discharge shall consist solely of sewage in an emergency.
 2. The Discharge shall only occur when the sewage pumping station is inoperative as a result of one or more of the following:
 - (i) electrical power failure not due to the act or default of the discharger, its agents, representatives, officers, employees or servants;
 - (ii) mechanical breakdown of duty and standby pumps;
 - (iii) rising main failure;
 - (iv) blockage of the downstream sewer not due to the act or default of the discharger, its agents, representatives, officers, employees or servants;
- and it is not reasonably practicable to dispose of the sewage otherwise. There shall be no undue delay on the part of the discharger in remedying any such failure or breakdown.

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 700mm diameter outfall pipe terminating in 2 diffuser ports of 350 mm diameter.
 - (b) discharging to the Menai Strait.



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(c) at National Grid Reference SH 5379 7085.

(d) shown marked "Discharge Point" on Plan CG0366201 attached as Annex 2.

SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SH 5432 7032, as shown marked "Sampling Point" on Plan CG0366201, so that a representative sample of the Discharge 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 Discharge taken at the said sampling point is a sample of what was discharging into controlled waters.

VOLUME

5. Storage capacity, equivalent to a total of at least 22 minutes of the dry weather flow in the sewer immediately upstream of the pumping station, shall be provided in the pumping station and/or the upstream sewerage system, above the wet well design top water level.

COMPOSITION

6. (a) The Discharge shall not contain a significant quantity of solid matter having a size greater than 10 millimetres in more than two dimensions.
- (b) The Discharge shall not be comminuted or macerated to achieve the standard in (a) above.

RECORDING AND REPORTING

7. The discharger shall notify the Agency in writing if any known introduction or material 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 1 to this notice as updated by the Agency 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.





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OTHER

8. (a) A 24 hour response telemetry alarm system shall be provided and maintained to provide a notification in the event of operation of the emergency overflow.
(b) The discharger shall notify the Agency, as soon as practicable after receipt of an overflow telemetry warning, that operation of the emergency overflow has taken place.
9. On request the discharger shall supply the Agency with a written report on the operation of the emergency overflow.
10. A permanent stand-by power generator shall be provided and maintained in good working order.
11. The duty pump(s) shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
12. Stand-by pump(s) shall automatically activate should the duty pump(s) become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pump shall automatically reactivate immediately after the power is restored after the interruption to the supply.

START DATE

13. There shall be no discharge under the terms of this consent until the 31st December 1997 or the end of commissioning of the works whichever is the sooner. The discharger shall give the Agency at least 28 days written notice before making the discharge.





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ANNEX 1

SUBSTANCE

Mercury
Cadmium
g-Hexachlorocyclohexane
DDT
Pentachlorophenol
Hexachlorobenzene
Hexachlorobutadiene
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
Tetrachloroethylene
Lead
Chromium
Zinc
Copper
Nickel
Arsenic
Iron
pH
Boron

Vanadium
PCSDs
Cyfluthrin
Sulcofuron
Flucofuron
Permethrin
Cyanide
Azinphos-ethyl
Fenthion
Parathion
Parathion-methyl
Trichloroethane
Dioxins
Isodrin



