

CONSENT NO. CG0043702



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

**TO:** Environment Quality Scientist  
Dŵr Cymru Cyfyngedig  
Pentwyn Road  
Nelson  
Treharris  
Mid Glamorgan CF46 6LY

COPY

In pursuance of an application by the consent holder for variation of consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY VARIES ITS CONSENT** to the making of a discharge **OF SEWAGE EFFLUENT** as follows:

Settled storm sewage  
with respect to Consent No. CG0043702 issued on the 26<sup>th</sup> April 1982

**FROM: DYFFRYN ARDUDWY WASTEWATER TREATMENT WORKS**

**AT: ACCESS ROAD OFF FFORD YR ORSAF, DYFFRYN ARDUDWY, GWYNEDD LL44 2HA**

**TO: THE ARDUDWY MARSH MAIN DRAIN**

**SUBJECT TO** the conditions set out in the following schedule(s):

Settled Storm Sewage

Schedule No. CG0043702 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the effect of variations made to this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this variation is issued.

This variation of consent is issued on the 11<sup>th</sup> day of February 2004

This variation of consent takes effect on the 31<sup>st</sup> day of March 2005

Signed .....

**IWAN THOMAS**

Environment Management Team Leader

Asiantaeth yr Amgylchedd Cymru  
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Ffôn 01248 670770, Ffacs 01248 670561

Environment Agency Wales  
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Tel 01248 670770, Fax 01248 670561



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| <b>CONSENT NO.</b>  | <b>CG0043702</b>                     |
| <b>SCHEDULE NO.</b> | <b>CG0043702 01</b>                  |
| <b>DATE ISSUED</b>  | <b>11<sup>th</sup> February 2004</b> |



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Environment  
Agency Wales**

## **CONDITIONS OF CONSENT TO DISCHARGE**

**Settled storm sewage ("the Discharge")**

**FROM: Dyffryn Ardudwy Wastewater Treatment Works**

### **NATURE**

1. The Discharge shall consist solely of settled storm sewage.

### **LOCATION**

2. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a 12 inch diameter pipe;
  - (b) discharging to the Ardudwy Marsh Main Drain;
  - (c) at National Grid Reference SH 57723 23637;
  - (d) shown marked 'Consent Point' on Plan CG0043702 attached as Annex 2.

### **SAMPLE POINT**

3. A sample point shall be provided and maintained at National Grid Reference SH 57888 23621, as shown marked 'Discharge Sample point' on the attached Plan number CG0043702, or some other point as agreed in writing with the Agency, so that a representative spot sample of the Discharge may be obtained. The Consent Holder 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 being discharged into controlled waters.



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## **VOLUME**

4. The Discharge shall occur when and only for as long as, the storm tanks are full. The discharge of storm sewage to the storm tank shall only occur when the rate of flow at the storm sewage separating weir is in excess of 25.9 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure. The storm tanks shall be emptied automatically and their contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
5. The capacity of the storm tank(s) shall be at least 186.5 cubic metres.

## **COMPOSITION**

6.
  - (a) The discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 10 millimeters in one dimensions.
  - (b) The screening device shall be maintained in an efficient operational condition.
  - (c) All screenings must be removed and disposed of in a manner such as to prevent entry to the discharge.

## **WORKS OPERATION**

7.
  - (a) The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.
  - (b) This condition does not require any alteration of the works or a change in the type of treatment used.

## **RECORDING AND REPORTING**

8.
  - (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected the operation of the storm tanks. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
  - (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected the operation of the storm tanks.



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9. The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change in respect of discharges from trade premises to the environment occurs, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 1 to this notice as updated from time to time and notified to the Consent Holder in writing), and any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

### **SUBSTANTIAL CHANGE**

10. (a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
- (b) A discharge of trade effluent into the works is new if -
- (i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of effect of this consent; or
  - (ii) it is made by a third party and the discharge is authorised on or after that date.
- (c) A discharge of trade effluent into the works is altered if -
- (i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after the date of effect of this consent ; or
  - (ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
- (d) An increase in the polluting effects of the Discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristic of the Discharge which is specifically regulated by conditions in this consent but it may be significant if it is caused by a change in some other characteristic of the Discharge.



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(e) For the purposes of this condition "trade effluent" means -

- (i) any discharge by the sewerage undertaker other than
  - (1) domestic sewage from premises connected directly or indirectly to the works; or
  - (2) surface water run-off;
- (ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.

### **UNAUTHORISED DISCHARGES**

11. (a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.
- (b) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- (c) Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under Section 87 of the Water Resources Act 1991.

### **START DATE**

12. Until discharge is permitted under the terms of this consent, the quality of the effluent from Dyffryn Ardudwy Wastewater Treatment Works shall be controlled under the terms of the consent issued on 26<sup>th</sup> April 1982.
- There shall be no discharge under the terms of this consent until the 31<sup>st</sup> March 2005 or the end of commissioning of the works which ever is the sooner. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge.



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#### ANNEX 1

- |  |                              |
|--|------------------------------|
| 1. Mercury and its compounds   | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane<br>(lindane and related compounds)            | 4. Carbon tetrachloride      |
| 5. DDT (the isomers of 1,1,1-trichloro-2,2 bis{p-chlorophenyl} ethane) |                              |
| 6. Pentachlorophenol (PCP)   | 7. Aldrin                    |
| 8. Dieldrin  | 9. Endrin                    |
| 10. Isodrin  | 11. Hexachlorobenzene (HCB)  |
| 12. Hexachlorobutadiene (HCBd)   | 13. Chloroform               |
| 14. Polychlorinated biphenyls  | 15. Dichlorvos               |
| 16. 1,2-Dichloroethane   | 17. Trichlorobenzene         |
| 18. Atrazine   | 19. Simazine                 |
| 20. Tributyltin compounds  | 21. Triphenyltin compounds   |
| 22. Trifluralin  | 23. Fenitrothion             |
| 24. Azinphos-methyl  | 25. Malathion                |
| 26. Endosulfan   | 27. Lead                     |
| 28. Chromium   | 29. Zinc                     |
| 30. Copper   | 31. Nickel                   |
| 32. Arsenic  | 33. *Iron                    |
| 34. *pH if outside the range 5.5 to 9.0                                | 35. *Boron                   |
| 36. Vanadium   | 37. PCSD'S                   |
| 38. Cyfluthrin   | 39. Sulcofuron               |
| 40. Flucifuron   | 41. Permethrin               |
| 42. 4-Chloro-3-methyl-phenol   | 43. 2-Chlorophenol           |
| 44. 2,4-Dichlorophenol   | 45. 2,4-D (ester)            |
| 46. 2,4-D (non ester)  | 47. 1,1,1-Trichloroethane    |
| 48. 1,1,2-Trichloroethane  | 49. Bentazone                |
| 50. Benzene  | 51. Biphenyl                 |
| 52. Chloronitrotoluenes  | 53. Demeton                  |
| 54. Dimethoate   | 55. Linuron                  |
| 56. MCPA   | 57. Mecoprop                 |
| 58. Mevinphos  | 59. Napthalene               |
| 60. Omethoate  | 61. Toluene                  |
| 62. Triazophos   | 63. Xylene                   |
| 64. Cyanide  | 65. Azinphos-ethyl           |
| 66. Fenthion   | 67. Parathion                |
| 68. Parathion-methyl   | 69. Trichloroethylene        |
| 70. Tetrachloroethylene  | 71. Dioxins                  |
| 72. PAHs   | 73. Nonyl phenol             |
| 74. Nonyl phenyl ethoxylate  | 75. Di-ethylhexyl phthalate  |
| 76. Bisphenol-A  | 77. Diazinon                 |
| 78. Chlorfenvinphos  | 79. Chlorotoluron            |
| 80. Isoproturon  | 81. Diuron                   |
| 82. Propetamphos   | 83. Flumethrin               |
| 84. Amitraz  | 85. High-Cis Cypermethrin    |
| 86. Cyromazine   | 87. Deltamethrin             |
| 88. Cypermethrin   |                              |

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

\*Notification to the Agency by the Consent holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.



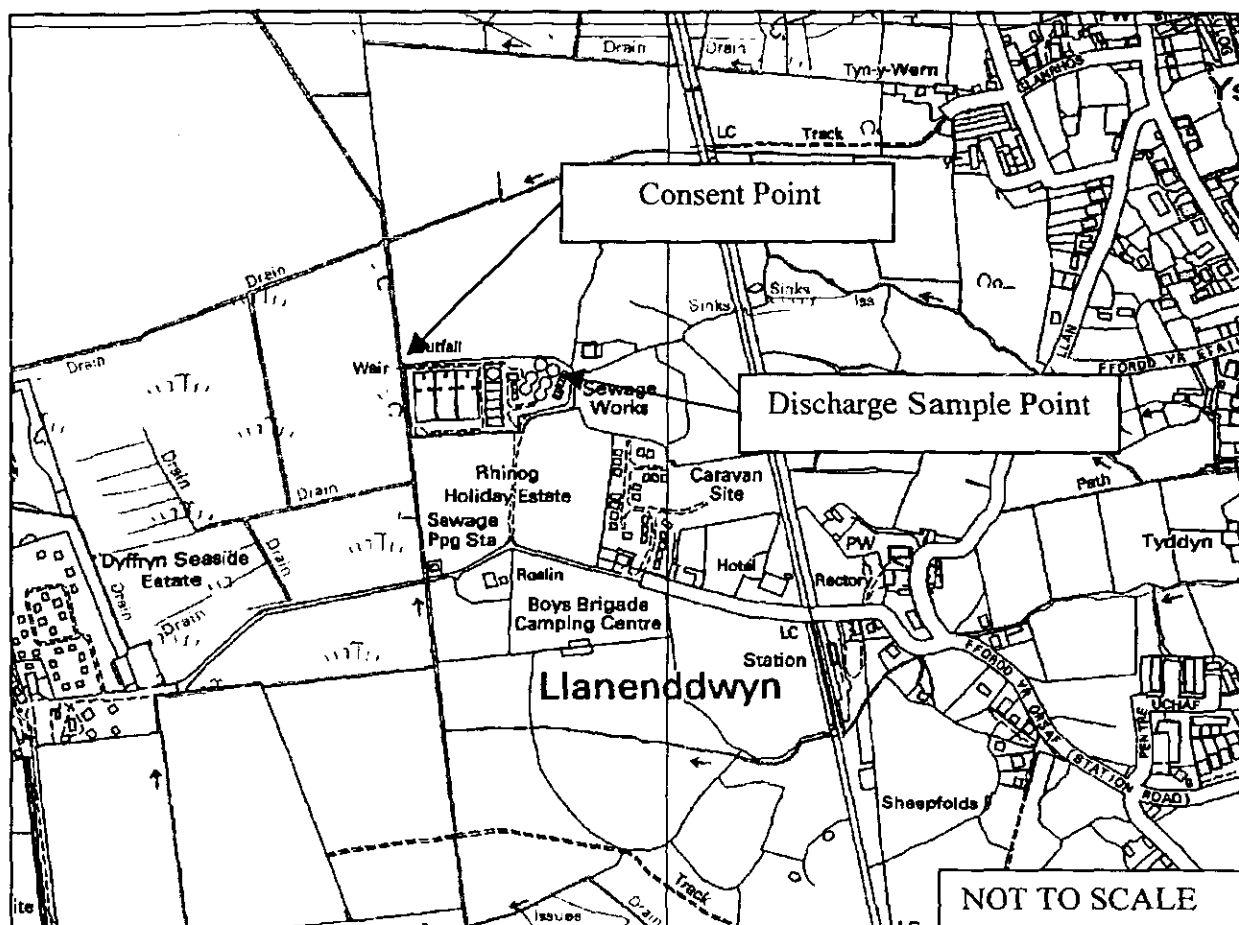
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## ANNEX 2

### Plan CG0043702



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