

CONSENT NO.	BP0287901
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ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 – SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dwr Cymru Welsh Water
Plas Y Ffynnon, Cambrian Way
BRECON LD3 7HP

The **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY CONSENTS** to the making several discharges **OF SEWAGE EFFLUENT**, as follows:

Storm Sewage
Sewage in an Emergency

FROM: Baglan Sewage Pumping Station

AT: Briton Ferry, Neath

TO: Tidal River Neath

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

Storm Sewage BP0287901 01
Sewage in an Emergency BP0287901 02

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, altering this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this consent takes effect.

This consent is issued and takes effect on the 1st day of December 2000

Signed... *[Signature]* ...
Area Environment Planning Manager

Asiantaeth yr Amgylchedd Cymru
Glan Tawe, 154 Ffordd Sant Helen, Abertawe, Gorllewin Morgannwg, SA1 4DF
Ffon: 01792 645300, Ffacs: 01792 470068

Environment Agency Wales
Glan Tawe, 154 St. Helens Road, Swansea, West Glamorgan, SA1 4DF
Tel: 01792 645300, Fax: 01792 470068



CONSENT NO.	BP0287901
SCHEDULE NO.	BP0287901 01
DATE ISSUED	1st December 2000



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage ("the Discharge")

FROM: Baglan Pumping Station

NATURE

1. The Discharge shall consist solely of storm sewage.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 1370 millimetre diameter pipe
 - (b) discharging to the Tidal River Neath
 - (c) at National Grid Reference SS7315 9325;
 - (d) shown marked 'Emergency Overflow' on Plan BP0287901 attached as Annex 1.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided by start of commissioning of the station and maintained at National Grid Reference SS7402 9322, as shown marked 'Emergency Overflow & Sample Point' on Plan BP0287901 so that a representative 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 discharging into controlled waters.

VOLUME

4. The Discharge shall only occur when the rate of flow at the inlet sewer is in excess of 1783 litres per second due to rainfall and/or snow melt.



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SCHEDULE NO.	BP0287901 01



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COMPOSITION

5. Where abnormal conditions result in a significant discharge of unsatisfactory solid matter which is visible in the receiving watercourse or on the banks of the receiving watercourse, in the vicinity of the outfall, the consent holder shall take all reasonable steps to collect and remove such matter as soon as reasonably practicable after the discharge has been reported.

MAINTENANCE

6. The overflow shall be maintained in an efficient operational condition.

EVENT MONITOR/TELEMETRY

7.
 - (a) A recording system shall be provided and maintained to record the frequency, duration, and volume of overflow events in a format to be agreed with the Agency.
 - (b) The consent holder shall supply to the Agency on a monthly basis, a written report on the frequency and duration of overflow events.

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 effluent quality. 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 effluent quality.



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SCHEDULE NO.	BP0287901 02
DATE ISSUED	1st December 2000



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

FROM: Baglan Sewage Pumping Station

NATURE

1. The Discharge shall consist solely of sewage in an emergency.
2. The Discharge shall only occur when the sewage pumping station or downstream waste water treatment works 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 consent holder, 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 consent holder, 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 consent holder 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 1370 millimetre diameter pipe;
 - (b) discharging to The Tidal River Neath;
 - (c) at National Grid Reference SS7315 9325;
 - (d) shown marked 'Emergency Overflow' on Plan BP0287901 attached as Annex 1.



CONSENT NO.	BP0287901
SCHEDULE NO.	BP0287901 02



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SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SS7402 9322, as shown marked 'Emergency Overflow & Sample Point' on Plan BP0287901 so that a representative 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 discharging into controlled waters.

COMPOSITION

5. Where abnormal conditions result in a significant discharge of unsatisfactory solid matter which is visible in the receiving watercourse or on the banks of the receiving watercourse, in the vicinity of the outfall, the consent holder shall take all reasonable steps to collect and remove such matter as soon as reasonably practicable after the discharge has been reported.

RECORDING AND REPORTING

6.
 - (a) The consent holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. 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 effluent quality.
7. The consent holder shall notify the Agency in writing if any planned or 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" (set out in Annex 2 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.

OTHER

8.
 - (a) A 24 hour response telemetry alarm system shall be provided by start of commissioning of the station and maintained to give notification of failure or breakdown of the pumping station.
 - (b) The consent holder shall take all reasonable remedial measures to return the pumping station to normal operation, as soon as practicable after warning of failure or breakdown of the pumping station.



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- (c) The consent holder shall notify the Agency and Swansea Bay Port Health Authority, as soon as practicable, when there is potential for operation of the emergency overflow in the event of failure or breakdown of the pumping station.
9. A permanent stand-by power generator shall be provided and maintained in good working order.
 10. The duty pump(s) shall be maintained in good working order, and at least one stand by pump shall be provided and maintained.
 11. Stand-by pump(s) shall 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 reactivate as soon as is practicable after the power is restored after the interruption to the supply.
 12. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker.
 13. An external pumping equipment facility shall be provided and maintained for use in the event of installed pumps being inoperative.





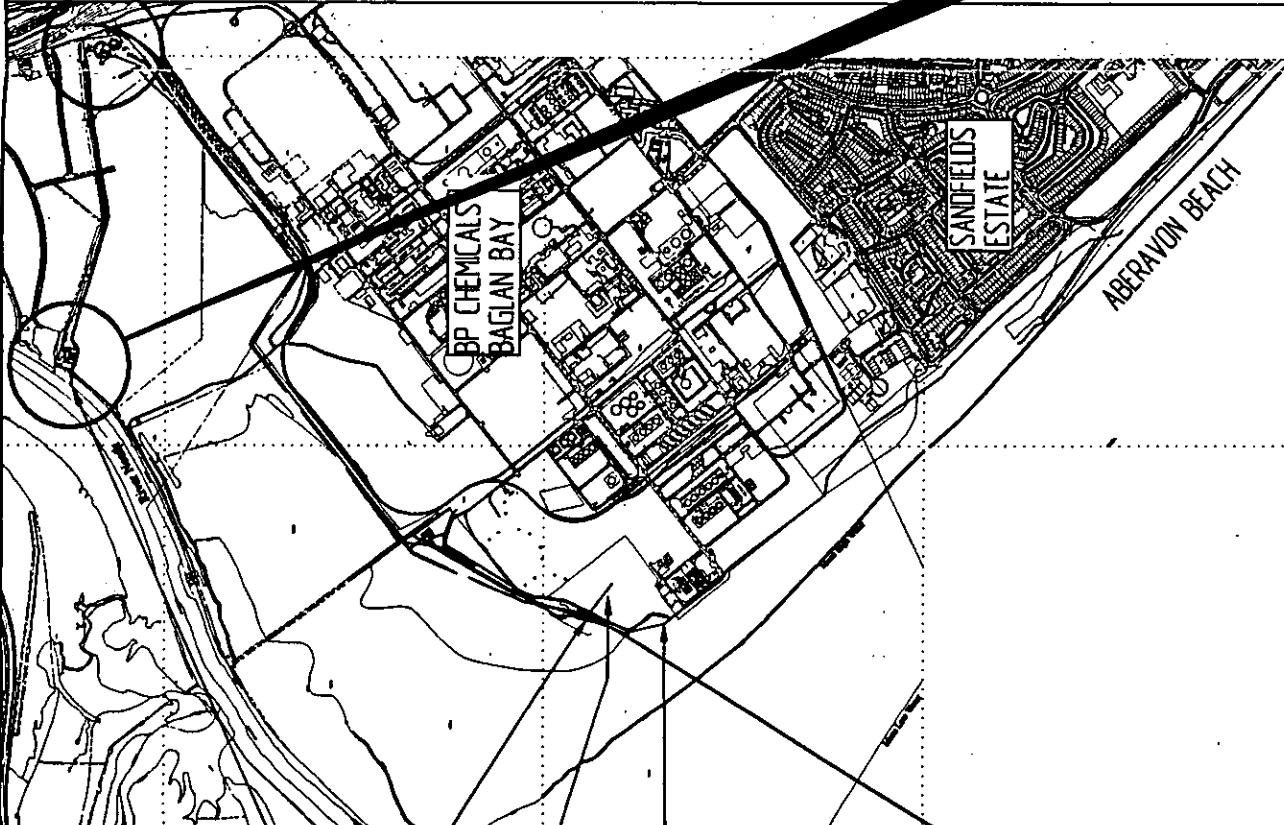
ANNEX 2

- | | |
|--|------------------------------|
| 1. Mercury and its compounds | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane
(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 outside 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.





- EMERGENCY OVERFLOW
GRID REF :- SS 7315, 9325
- BP CONNECTION & SAMPLE
POINT SS 7257, 9188
- BP CONNECTION TO
OUTFALL
- 700mm BAGLAN TO AFAN
TRANSFER PIPELINE

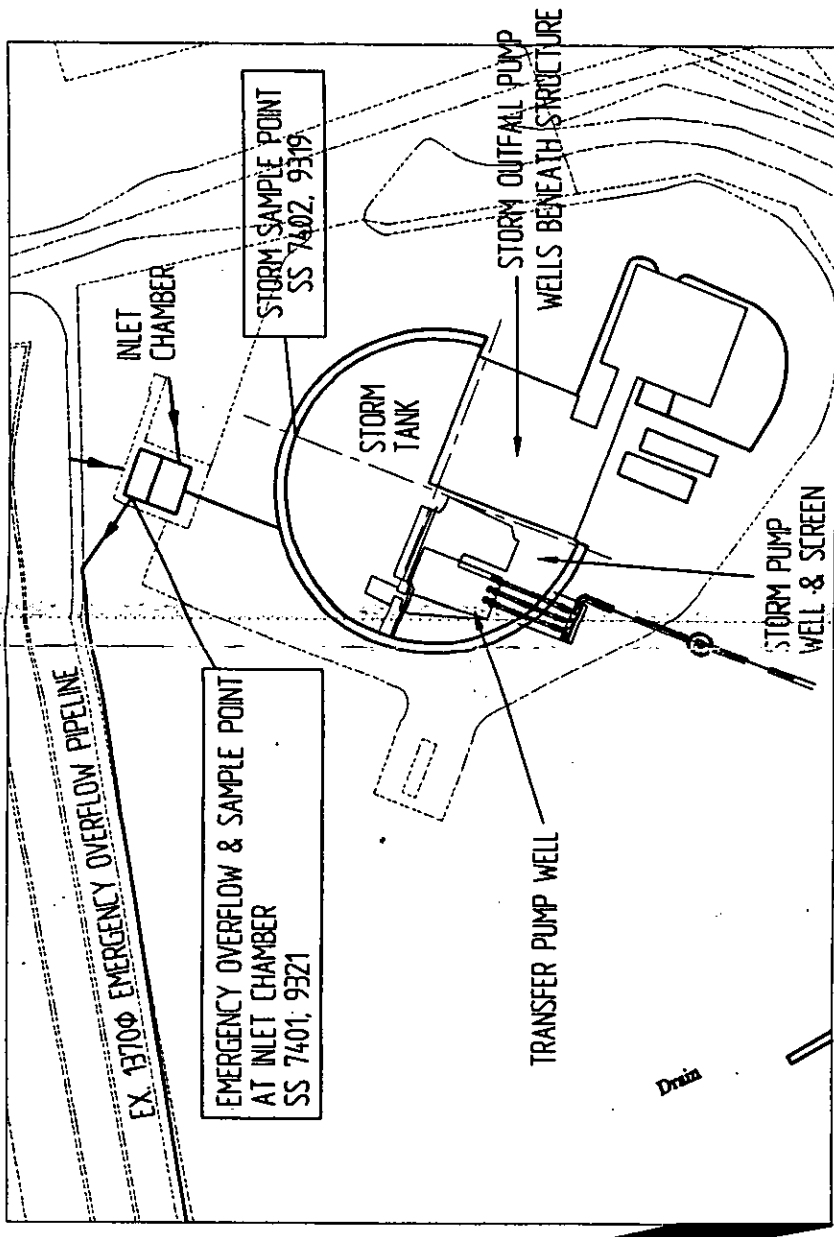
ENVIRONMENT AGENCY WALES

PLAN N° *BP0287901*

- 1200mm BAGLAN SEA OUTFALL
- SEAWARD END OF OUTFALL PIPE
GRID REF :- SS 7024, 8811

OUTFALL LOCATION PLAN

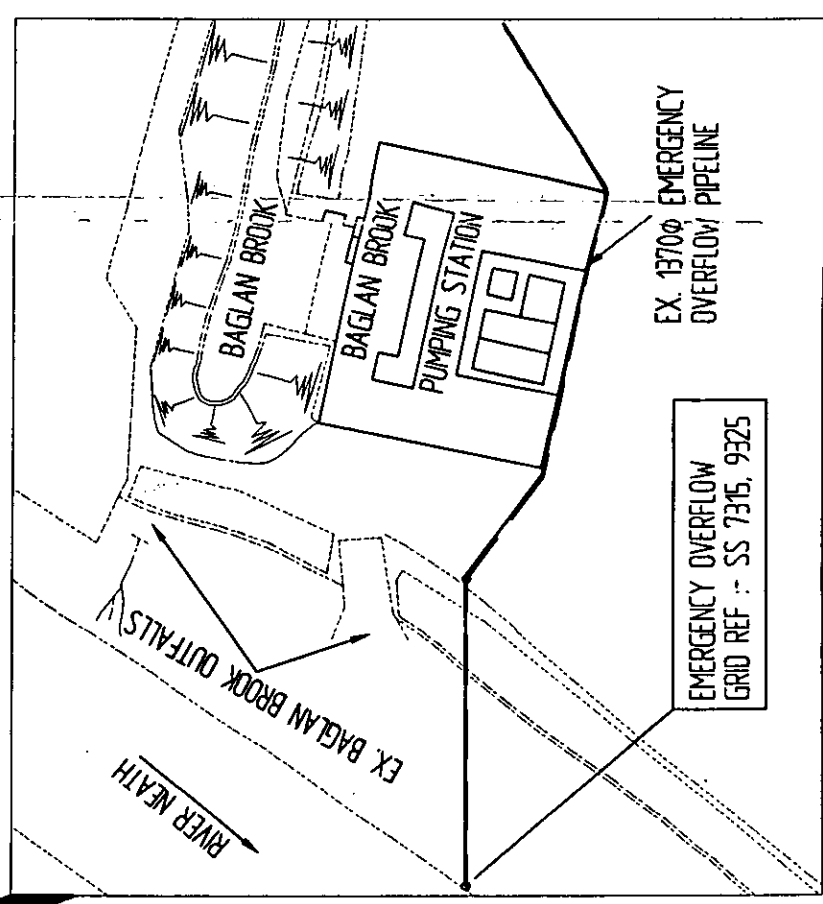
SCALE 1 : 20,000



BAGLAN PUMPING STATION PLAN

SCALE 1 : 1000

ANNEX 1



BAGLAN EMERGENCY OVERFLOW INTO RIVER NEATH

SCALE 1 : 1000

B AMENDMENTS TO CO-ORDINATES P. 15/16/17/18/19/20		DATE: JAN 01		DATE: FEB 00	
A DISCHARGE CONSENT		DATE: JAN 01		DATE: FEB 00	
Issue	Description	Auth	Date	Auth	Date
Client: DWR CYMRU CYFYNGEDIG SOUTH WESTERN DIVISION					
Project: AFAN W.W.T.W.					
Title: CONSENT APPLICATION FOR OUTFALL DISCHARGES					
Scale: A3	AS SHOWN	Scale: A3	LOCAL		
Hyder		SH00220		536 B	
HOGGS CONSULTING		Drawing No.		Issue	
Plymouth, Devon		536		B	
SAP 800					
Tel: +44 (0)1752 771168					
Fax: +44 (0)1752 701600					