

CONSENT NO.	BP0318101
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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 Cyfyngedig
Pentwyn Road
Nelson
Treharris
CF46 6LY

<p>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:</p> <p>Sewage in an Emergency</p>
<p>FROM: ST DOGMAELS NORTH END PUMPING STATION (CSO & EO)</p>
<p>AT: ST DOGMAELS, CARDIGAN</p>
<p>TO: THE RIVER TEIFI</p>
<p>SUBJECT TO the conditions set out in the following schedule:</p> <p>Sewage in an Emergency Schedule No. BP031810101</p>
<p>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.</p>
<p>This Consent is issued on the 31st day of March 2004 and takes effect on the 31st March 2004 or the end of commissioning of the works, which ever is sooner.</p>
<p>Signed <i>D. G. Jones</i> Gareth Jones – Environment Management</p>

CONSENT NO	BP0318101
SCHEDULE NO	BP031810101
DATE ISSUED	31st March 2004

Sewage in an Emergency ("the Discharge")

FROM: ST DOGMAELS NORTH END PUMPING STATION (CSO & EO)

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 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 300 millimetre diameter pipe;
 - (b) discharging to The River Teifi;
 - (c) at National Grid Reference SN 16325 46912;
 - (d) shown marked 'Emergency Discharge Point & Sample Point' on Plan BP0318101 attached as Annex 1.

CONSENT NO	BP0318101
SCHEDULE NO	BP031810101



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 16325 46912, as shown marked 'Emergency Discharge Point & Sample Point' on Annex 1 Plan BP0318101, 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

5. Storage capacity, equivalent to a total of at least 13 hours 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 have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres in two 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

RECORDING AND REPORTING

7.
 - (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 Pumping Station. 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 Pumping Station.

LISTED SUBSTANCES

8. 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 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.

CONSENT NO	BP0318101
SCHEDULE NO	BP031810101

TELEMETRY

9. (a) A 24 hour response telemetry alarm system shall be provided 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 receipt of warning of failure or breakdown of the pumping station.
- (c) The Consent Holder shall notify the Agency, 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.

OTHER

10. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.
11. The duty pumps shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.

CONSENT NO	BP0318101
SCHEDULE NO	BP031810102
DATE ISSUED	31st March 2004



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage (“the Discharge”)

FROM: ST DOGMAELS NORTH END PUMPING STATION (CSO & EO)

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 300 millimetre diameter pipe;
 - (b) discharging to The River Teifi;
 - (c) at National Grid Reference SN 16365 46916;
 - (d) shown marked ‘CSO Discharge Point’ on Plan BP0318101 attached as Annex 1.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 16325 46912, as shown marked ‘Emergency Discharge Point & Sample Point’ on Annex 1 Plan BP0318101, 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 occur only when the rate of flow in the inlet sewer exceeds 5 litres per second due to rainfall and/or snow melt.
5. (a) A storm sewage storage facility of 100 cubic metres design capacity shall be provided and fully utilised prior to discharge being made.

CONSENT NO	BP0318101
SCHEDULE NO	BP031810102

- (b) The Discharge shall occur when, and only for as long as, the storm sewage storage facility is fully utilised and the rate of flow at the storm sewage separating weir is in excess of 5 litres per second due to rainfall and/or snow melt, and shall consist only of flows in excess of this figure. The storm sewage storage facility shall be emptied and its contents returned to the pass forward flow as soon as practicable after cessation of the overflow.

MAINTENANCE

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

COMPOSITION

7. (a) The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres in two 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

START DATE

8. There shall be no discharge under the terms of this consent until the 31st March 2004 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.



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.	Flucofuron	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.

