

CONSENT NO. BP0350101

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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
Dŵr Cymru Cyfyngedig
Pentwyn Road
Nelson
Treharris
CF46 6LY

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
Storm Sewage

FROM: ABERARTH SEWAGE PUMPING STATION

AT ABERARTH, CEREDIGION

TO: COASTAL WATER (CARDIGAN BAY)

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

SEWAGE IN AN EMERGENCY
STORM SEWAGE

SCHEDULE NO. BP0350101 01
SCHEDULE NO. BP0350101 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, which affects 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 consent is issued on the 30th day of December 2005 and takes effect on the 31st day of December 2005.

Signed 

Team Leader – Regulatory Water Quality

Asiantaeth yr Amgylchedd Cymru
"Maes Newydd", Llandarcy, Neath Port Talbot. SA10 6JQ

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SCHEDULE NUMBER	BP0350101 01
DATE ISSUED	30 th December 2005

Sewage in an Emergency

**FROM: ABERARTH SEWAGE PUMPING STATION, ABERARTH,
CEREDIGION**

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 150 millimetre diameter pipe;
 - (b) discharging to the Coastal Water (Cardigan Bay);
 - (c) at National Grid Reference SN 47888 64085;
 - (d) shown marked 'Consent Point' on Plan BP0350101 attached as Annex 1.

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SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference Reference SN 47902 64079, as shown marked 'Sampling Point' on Plan BP0350101, 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 discharging into controlled waters.

VOLUME

5. Storage capacity of 24.0 cubic metres or greater, equivalent to a total of at least 2 hours at 3DWF in the sewer immediately upstream of the pumping station, shall be provided in the pumping station, storage tank(s) and/or the upstream sewerage system, above the wet well design top water level.

For the purposes of this condition 3DWF shall be defined as calculated from $3PG+I+3E$ where P is population, G is water consumption per head per day, I is infiltration allowance and E is trade effluent flow to sewer.

COMPOSITION

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

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 Inlet Pumping Station. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.

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- (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.

TELEMETRY

- 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 Consent Holder 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 Consent Holder shall supply the Agency with a written report on the operation of the emergency overflow.

POWER

- 10. Facilities shall be provided so that a mobile stand-by generator may readily be installed at the pumping station in the event of electrical failure and the Consent Holder shall install and operate such a generator as soon as is practicable after an electrical failure.

PUMPS

- 11. The duty pump shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
- 12. Stand-by pump shall automatically activate should the duty pump 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 interruption to the supply.

OTHER

- 13. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.

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CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage ("the Discharge")

**FROM: ABERARTH SEWAGE PUMPING STATION, ABERARTH,
CEREDIGION**

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 150 millimetre diameter pipe;
 - (b) discharging to the Coastal Water (Cardigan Bay);
 - (c) at National Grid Reference SN 47888 64085;
 - (d) shown marked 'Consent Point' on Plan BP0350101 attached as Annex 1.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference Reference SN 47902 64079, as shown marked 'Sampling Point' on Plan BP0350101, 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 discharging into controlled waters.

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VOLUME

4. (a) A storm sewage storage facility of 24 cubic metres design capacity shall be provided and fully utilised prior to discharge being made.
- (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 inlet sewer is in excess of 3.1 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.

COMPOSITION

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

RECORDING AND REPORTING

6. 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 sewerage system 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.

MAINTENANCE

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

ANNEX 1

BP0350101

ABERARTH SPS,
ABERARTH CEREDIGION

