

FILE COPY

CONSENT NO.	BW0202801
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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)

VARIATION OF CONSENT TO DISCHARGE

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

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 several discharges **OF SEWAGE EFFLUENT**, as follows:

Storm Sewage
Sewage in an Emergency

With respect to Consent No. BW0202801 issued on the 10th day of May 1993.

FROM: Abbey Sewage Pumping Station

AT: British Steel Site, Port Talbot

TO: Swansea Bay

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

Storm Sewage BW0202801 01
Sewage in an Emergency BW0202801 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 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 and takes effect on the 1st day of December 2000

Signed: *N. Reynolds*
Area Environment Planning Manager

Asiantaeth yr Amgylchedd Cymru
Glan Tawe, 154 Ffordd Sant Helen, Abertawe, Gorselewin Morgannwg, SA1 4DF
Ffôn: 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.	BW0202801
SCHEDULE NO.	BW0202801 01
DATE ISSUED	1st December 2000



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CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage ("the Discharge")

FROM: Abbey Sewage 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 1050 millimetre diameter pipe
 - (b) discharging to Swansea Bay
 - (c) at National Grid Reference SS7585 8709;
 - (d) shown marked 'Abbey Storm & Emergency Outfall' on Plan BW0202801 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 SS7602 8730, as shown marked 'Abbey Pumping Station Storm Overflow Chamber & Sampling Point' on Plan BW0202801 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 at the inlet sewer is in excess of 610 litres per second due to rainfall and/or snow melt.

COMPOSITION

5.
 - (a) The Discharge shall not contain more than 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.



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SCHEDULE NO.	BW0202801 01



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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.	BW0202801 02
DATE ISSUED	1 st December 2000



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CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

FROM: Abbey 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 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 1050 millimetre diameter pipe;
 - (b) discharging to Swansea Bay ;
 - (c) at National Grid Reference SS7585 8709;
 - (d) shown marked 'Abbey Storm & Emergency Outfall' on Plan BW0202801 attached as Annex 1.



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SCHEDULE NO.	BW0202801 02



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SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SS7641 8718, as shown marked 'Abbey Emergency Overflow Sampling Point' on Plan BW0202801 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. (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. (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.
- (c) 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 duplicate electrical supply shall be provided by start of commissioning of the station and maintained for use in the event of failure of the normal electricity supply.
 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.

