

CONSENT NO.	BP0305901
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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

FROM: LANGLAND SEWAGE PUMPING STATION

AT: LANGLAND, SWANSEA

TO: LANGLAND BAY

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

Sewage in an Emergency

Schedule No. BP0305901 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, 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 on the 19 day of March 2003 and takes effect on the 31st day of March 2003.

Signed 

Daron Herbert – Environment Management Team Leader



CONSENT NO.	BP0305901
SCHEDULE NO.	BP0305901 01
DATE ISSUED	19 March 2003



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Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

**FROM: LANGLAND SEWAGE PUMPING STATION, LANGLAND,
SWANSEA**

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 estuarial waters of Langland Bay;
 - (c) at National Grid Reference SS 60589 87127;
 - (d) shown marked 'Consent Point' on Plan BP0305901 attached as Annex 1.



CONSENT NO.	BP0305901
SCHEDULE NO.	BP0305901 01



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

SAMPLE POINT

4. A sample point shall be provided and maintained at National Grid Reference SS 60529 87370, as shown marked 'Sampling Point' on Plan BP0305901, 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 21.1 cubic metres or greater, equivalent to a total of at least 1.1 hours at 3DWF 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.

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 10 millimetres in more than two dimensions.
- (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 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.

TELEMETRY

8. (a) A 24 hour response telemetry alarm system shall be provided by start of commissioning of the station and maintained to provide a notification in the event of operation of the emergency overflow.



CONSENT NO.	BP0305901
SCHEDULE NO.	BP0305901 01



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

(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(s) shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
12. 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.

OTHER

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



LANGLAND SEWAGE PUMPING STATION, LANGLAND, SWANSEA

