

CONSENT NO.	BC0006505
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WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Dŵr Cymru Cyfyngedig (The Consent Holder)
c/o Environment Quality Scientist
Pentwyn Road
Nelson
Treharris
CF46 6LY

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 of a discharge **OF SEWAGE EFFLUENTS**, as follows:

Storm Sewage

Sewage in an Emergency

with respect to Consent No. BC0006505 issued on the 31st March 2005

FROM: Llangennech Pumping Station High Level Overflow /Emergency Overflow

AT: National Grid Reference SN 56235 01322

TO: The River Lougher

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

Storm Sewage: Schedule No. BC0006505 01

Sewage in an Emergency: Schedule No. BC0006505 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 on the 24th day of March 2010

and takes effect on the 31st day of March 2010



Signed

Terry Gulliford – Acting National Permitting Team Leader

CONSENT NO.	BC0006505
SCHEDULE NO.	BC0006505 01
DATE ISSUED	24/03/2010

CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage (“the Discharge”)

FROM: Llangennech Pumping Station High Level Overflow /Emergency Overflow,
Llangennech, Carmarthenshire

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 750mm diameter pipe;
 - (b) discharging to the River Lougher;
 - (c) at National Grid Reference SN 56443 01043;
 - (d) shown marked 'Consent Point' on Plan BC0006505 attached as Annex 1.

SAMPLE POINT

3.
 - (a) An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 56235 01322, as shown marked ‘Discharge Sample Point’ on Plan BC0006505 attached as Annex 1, or some other point as agreed in writing with the Environment Agency, so that a representative spot sample of the Discharge may be obtained.
 - (b) 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 being discharged into controlled waters.

CONSENT NO.	BC0006505
SCHEDULE NO.	BC0006505 01

VOLUME

4. The Discharge shall occur only when the rate of flow at the combined sewer high level overflow is in excess of 525 litres per second due to rainfall and/or snow melt.

COMPOSITION

5. (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.

MAINTENANCE

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

START DATE

7. Until discharge is permitted under the terms of this consent, the quality of the effluent from Llangennech Sewage Pumping Station High Level Overflow shall be controlled under the terms of the consent issued on the 23rd June 1969. There shall be no discharge under the terms of this consent until 31st March 2010 or the start of commissioning of the combined sewage overflow whichever is sooner. The Consent Holder shall give the Environment Agency at least 28 days written notice before making the discharge.

CONSENT NO.	BC0006505
SCHEDULE NO.	BC0006505 02
DATE ISSUED	24/03/2010

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency (“the Discharge”)

FROM: Llangennech Pumping Station High Level Overflow /Emergency Overflow,
Llangennech, Carmarthenshire

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 750mm diameter pipe;
 - (b) discharging to the River Lougher;
 - (c) at National Grid Reference SN 56443 01043;
 - (d) shown marked 'Consent Point' on Plan BC0006505 attached as Annex 1.

CONSENT NO.	BC0006505
SCHEDULE NO.	BC0006505 02

SAMPLE POINT

4. (a) An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 56235 01322, as shown marked 'Discharge Sample Point' on Plan BC0006505 attached as Annex 1, or some other point as agreed in writing with the Environment Agency, so that a representative spot sample of the Discharge may be obtained.
- (b) 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 being discharged into controlled waters.

VOLUME

5. Storage capacity, equivalent to a total of at least 308 cubic metres, shall be provided in the pumping station, 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 10 millimetres in one dimension.
- (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.

TELEMETRY

7. (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.

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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.
- (c) On request the consent holder shall supply the Agency with a written report on the operation of the emergency overflow.

OTHER

9. 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.
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 automatically 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 automatically reactivate as soon as is practicable after the power is restored after 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 when necessary.

START DATE

13. Until discharge is permitted under the terms of this consent, the quality of the effluent from Llangennech Sewage Pumping Station Emergency Overflow shall be controlled under the terms of the consent issued on the 23rd June 1969. There shall be no discharge under the terms of this consent until 31st March 2010 or the start of commissioning of the combined sewage overflow whichever is sooner. The Consent Holder shall give the Environment Agency at least 28 days written notice before making the discharge.

ANNEX 1 – Plan BC0006505

