

CONSENT NO. BW2203001



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
Dŵr Cymru Cyfyngedig
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 EFFLUENT**, as follows:

Sewage in an Emergency
Storm Sewage

with respect to Consent No. **BW2203001** issued on the 10th day of February 1977

FROM: TYCOCH SEWAGE PUMPING STATION

AT: KIDWELLY

TO: UN-NAMED TRIBUTARY OF THE GWENDRAETH FAWR

HEREAFTER SUBJECT TO the conditions set out in the following schedules:

Sewage in an Emergency
Storm Sewage

Schedule No. BW2203001 01
Schedule No. BW2203001 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 31st day of January 2005 and takes effect on the 31st day of March 2005.

Signed 

Team Leader – Regulatory Water Quality



CONSENT NO.	BW2203001
SCHEDULE NO.	BW2203001 01
DATE ISSUED	31 st January 2005



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

CONDITIONS OF CONSENT TO DISCHARGE

Sewage in an Emergency ("the Discharge")

FROM: TYCOCH SEWAGE PUMPING STATION, KIDWELLY

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 400 millimetre diameter pipe;
 - (b) discharging to an un-named tributary of the Gwendraeth Fawr;
 - (c) at National Grid Reference SN 40850 06188;
 - (d) shown marked 'Consent Point A' on Plan BW2203001 attached as Annex 1.



CONSENT NO.	BW2203001
SCHEDULE NO.	BW2203001 01



**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 40860 06216, as shown marked 'Sampling Point A' on Plan BW2203001, 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 being discharged into controlled waters.

VOLUME

5. Storage capacity of 400 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 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 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.



CONSENT NO.	BW2203001
SCHEDULE NO.	BW2203001 01



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

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 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.
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.



CONSENT NO.	BW2203001
SCHEDULE NO.	BW2203001 02
DATE ISSUED	31 st January 2005



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

CONDITIONS OF CONSENT TO DISCHARGE

Storm Sewage ("the Discharge")

FROM: TYCOCH SEWAGE PUMPING STATION, KIDWELLY

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 400 millimetre diameter pipe;
 - (b) discharging to an un-named tributary of the Gwendraeth Fawr;
 - (c) at National Grid Reference SN 40858 06204;
 - (d) shown marked 'Consent Point B' on Plan BW2203001 attached as Annex 1.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference ~~Reference~~ SN 40876 06222, as shown marked 'Sampling Point B' on Plan BW2203001, 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 being discharged into controlled waters.

VOLUME

4.
 - (a) Storm sewage storage of 400 cubic metres 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 inlet sewer is in excess of 24 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.



CONSENT NO.	BW2203001
SCHEDULE NO.	BW2203001 02



**ASiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales**

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.

MAINTENANCE

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



TYCOCH SPS EO & CSO, KIDWELLY

