

CONSENT NO.	BO5106701
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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**  
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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**

with respect to Consent No. **BO5106701** issued on the 20th day of October 1989

**FROM: HEN PARC LANE SEWAGE PUMPING STATION**  
**AT: ADJACENT TO 33 HEN PARC LANE, UPPER KILLAY, SWANSEA**  
**TO: UN-NAMED TRIBUTARY OF THE CLYNE RIVER**

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

**Sewage in an Emergency** **Schedule No. BO5106701 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, which alters the effect of variation 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 25<sup>th</sup> day of March 2002.

Signed .....  .....

**Team Leader Water Quality Consents**



<b>CONSENT NO.</b>	<b>BO5106701</b>
<b>SCHEDULE NO.</b>	<b>BO5106701 01</b>
<b>DATE ISSUED</b>	<b>25<sup>th</sup> March 2002</b>



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Amgylchedd Cymru  
Environment  
Agency Wales**

## **CONDITIONS OF CONSENT TO DISCHARGE**

### **Sewage in an Emergency ("the Discharge")**

**FROM: HEN PARC LANE SEWAGE PUMPING STATION, ADJACENT TO 33  
HEN PARC LANE, UPPER KILLAY, 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 225 millimetre diameter pipe;
  - (b) discharging to an un-named tributary of the Clyne River;
  - (c) at National Grid Reference SS 59140 92228;
  - (d) shown marked 'Consent Point' on Plan BO5106701 attached as Annex 1.

### **SAMPLE POINT**

4. The outlet to the watercourse shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SS 59140 92228, as shown marked 'Consent Point' on Plan BO5106701.



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## VOLUME

5. Storage capacity of 37.5 cubic metres or greater, equivalent to a total of at least 3 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.
- (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.



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## 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

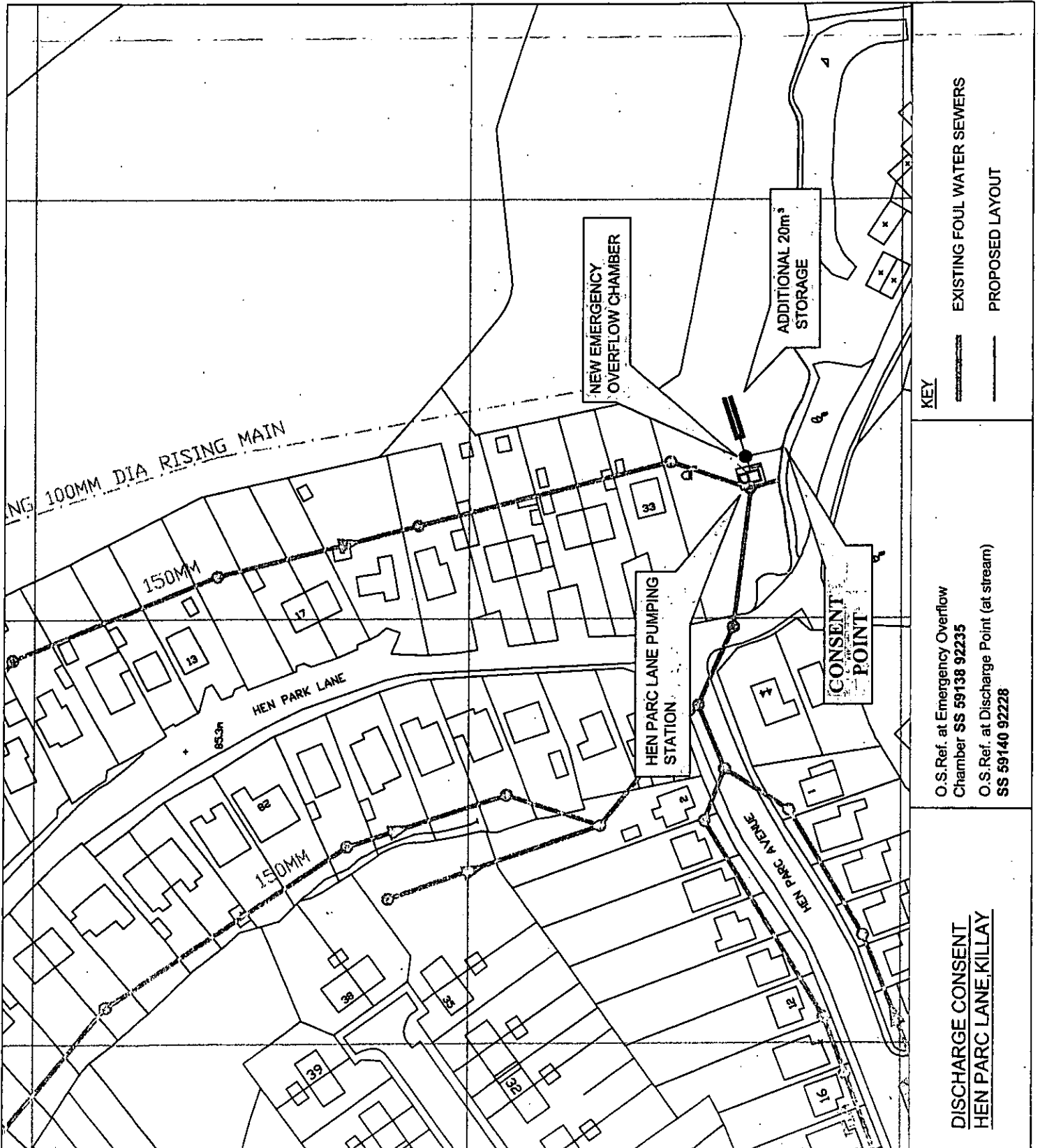
11. The duty pump(s) shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
12. Stand-by pump(s) shall activate should the duty pump(s) become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pump 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.



**HEN PARC LANE SPS,  
ADJ. TO 33 HEN PARC LN.,  
UPPER KILLAY,  
SWANSEA**

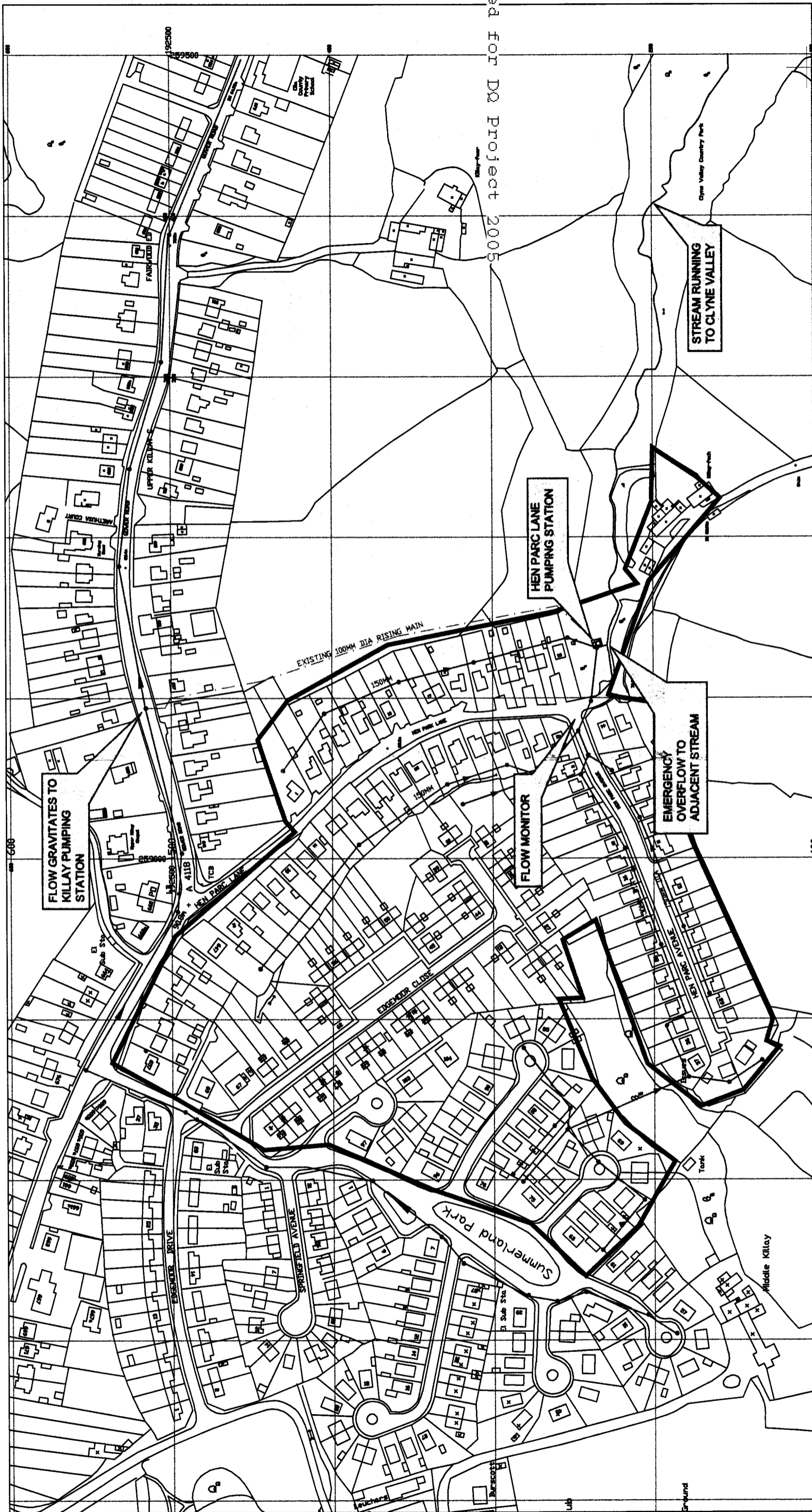


**KEY**  
— EXISTING FOUL WATER SEWERS  
— PROPOSED LAYOUT

O.S. Ref. at Emergency Overflow Chamber SS 59138 92235  
O.S. Ref. at Discharge Point (at stream) SS 59140 92228

**DISCHARGE CONSENT  
HEN PARC LANE, KILLAY**

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File No.		General Ledger Code:	
Drawn	MAS	Checked	WLB
Date	05/11/01	Date	09/11/01
Scale	1:2500	Date	12/11/01
Drawing No.	D065_001HP		

Project  
**AMP 3 CSO PROGRAMME**  
 SOUTH GOWER  
 HEN PARC LANE  
 PUMPING STATION  
 KILLAY  
 CATCHMENT AREA

Legend:  
 — CATCHMENT AREA  
 — EXISTING SEWERS

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CITY AND COUNTY OF SWANSEA  
 DINAS A SIR ABERTAW

**S. W. Wales**

Alliance Team

Rev	Details	Dr	Ch	Ap	Date

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