

CONSENT NO.

BP0237414

*mailed with
BP02366 01*

ASiantaeth Yr
Amgylchedd
Environment
Agency

WATER RESOURCES

SECTION 88 - SCH1

CONSENT TO DISCHARGE

TO: The Consents Regulation Officer
Dwr Cymru Cyfyngedig
Plas Y Ffynnon, Cambrian Way
Brecon. LD3 7HP

The **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY CONSENTS** to the making of several discharges **OF SEWAGE EFFLUENT**, as follows:

STORM SEWAGE
STORM SEWAGE
TRADE EFFLUENT

FROM: COMBINED SEWER OVERFLOWS 92 AND 95 AND TRADE
EFFLUENT FROM BP MARKETING SITE, (OUTFALL N)

AT: QUEENS DOCK, FABIAN WAY, SWANSEA

TO: ESTUARIAL WATERS OF SWANSEA BAY

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

STORM SEWAGE CSO 92	Schedule No. BP0237414 01
STORM SEWAGE CSO 95	Schedule No. BP0237414 02
TRADE EFFLUENT BP MARKETING	Schedule No. BP0237414 03

Subject to the provisions of Paragraphs 6 and 7 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 discharger, during a period of 2 years from the date this consent takes effect.

This consent is issued and takes effect on the 12th day of December 1996

Signed

Area Water Quality Manager

Asiantaeth yr Amgylchedd

Glan Tawe, 154 Ffordd Sant Helen, Abertawe. SA1 4DF. Ffon 01792 645300. Ffacs 01792 648452

Environment Agency

Glan Tawe, 154 St Helens Road, Swansea. SA1 4DF. Tel 01792 645300 Fax 01792 648452



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 01
DATE ISSUED	<i>12 December 96</i>



**ASiantaeth YR
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ENVIRONMENT
AGENCY**

CONDITIONS OF CONSENT TO DISCHARGE

STORM SEWAGE ("the Discharge")

FROM: COMBINED SEWER OVERFLOW No.92

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 762 millimetre diameter pipe;
 - (b) discharging to the estuarial waters of Swansea Bay;
 - (c) at National Grid Reference SS 6877 9255;
 - (d) shown marked 'Consent Point' on Plan BP0237414 A attached as Annex 1.
3. The outlet to the watercourse shall be constructed by commissioning date, and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SS 6877 9255 as shown marked 'Consent point' on Plan BP0237414 A.

VOLUME

4. The Discharge shall occur only when the rate of flow in the sewer at the storm overflow weir located at National Grid Reference SS 67560 93010 shown on plan BP0237414 B, attached as Annex 1 exceeds 85 litres per second due to rainfall and/or snow melt.

COMPOSITION

5.
 - (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.



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 01



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Environment
Agency**

OTHER

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

START DATE

7. There shall be no discharge under the terms of this consent until the 1st January 1998 or the start of commissioning of the overflow whichever is the sooner. The discharger shall give the Agency at least 28 days written notice before making the discharge.



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 02
DATE ISSUED	<i>12th December 96</i>



**ASiantaeth YR
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ENVIRONMENT
AGENCY**

CONDITIONS OF CONSENT TO DISCHARGE

STORM SEWAGE ("the Discharge")

FROM: COMBINED SEWER OVERFLOW No.95

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 762 millimetre diameter pipe;
 - (b) discharging to the estuarial waters of Swansea Bay;
 - (c) at National Grid Reference SS 6877 9255;
 - (d) shown marked 'Consent Point' on Plan BP0237414 A attached as Annex 1.
3. The outlet to the watercourse shall be constructed by commissioning date, and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SS 6877 9255 as shown marked 'Consent point' on Plan BP0237414 A.

VOLUME

4. The Discharge shall occur only when the rate of flow in the sewer at the storm overflow weir located at National Grid Reference SS 68050 93220 shown on Plan No. BP 0237414 C, attached as Annex 1 exceeds 85 litres per second due to rainfall and/or snow melt.

COMPOSITION

5. (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.



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 02



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AGENCY

OTHER

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

START DATE

7. There shall be no discharge under the terms of this consent until the 1st January 1998 or the start of commissioning of the overflow whichever is the sooner. The discharger shall give the Agency at least 28 days written notice before making the discharge.



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 03
DATE ISSUED	<i>12 December 96</i>



**ASiantaeth Yr
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CONDITIONS OF CONSENT TO DISCHARGE

TRADE EFFLUENT ("the Discharge")

FROM: BP MARKETING SITE

NATURE

1. The Discharge shall consist solely of trade effluent comprising of site drainage during storm conditions from an area of 13833 square metres at the BP Marketing Site, Queens Dock.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 762 millimetre diameter pipe;
 - (b) discharging to the estuarial waters of Swansea Bay;
 - (c) at National Grid Reference SS 6877 9255 ;
 - (d) shown marked 'Consent Point' on Plan BP0237414 A attached as Annex 1.
3. The outlet to the watercourse shall be constructed by commissioning date, and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SS 6877 9255 as shown marked 'Consent Point' on Plan BP 0237414 A.

VOLUME

4. The discharge shall occur when, and only for as long as, the site drainage oil interceptor facility at BP Marketing as shown marked "Oil Interceptor" on Plan No BP0237414A is fully utilised and the rate of flow passing forward from the interceptor to the Swansea Sewage Treatment Works is at least 0.6 litres per second due to rainfall and / or snow melt.



CONSENT NO.	BP0237414
SCHEDULE NO.	BP0237414 03



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MAINTENANCE

5. The oil interceptor facility and foul pumps shall be operated and maintained in accordance with good operational practice such that:
 - (a) they remain fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;
 - (b) following a failure all equipment shall be returned to normal operation as soon as practicable;
 - (c) tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids and oil.

COMPOSITION

6. As far as is reasonably practicable, the oil interceptor shall be operated so as to prevent the Discharge from containing any significant trace of visible oil and grease.
7. As far as is reasonably practicable, the oil interceptor shall be operated so as to prevent:
 - (i) any matter being present in the Discharge to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
 - (ii) the Discharge from having any other adverse environmental impact.

START DATE

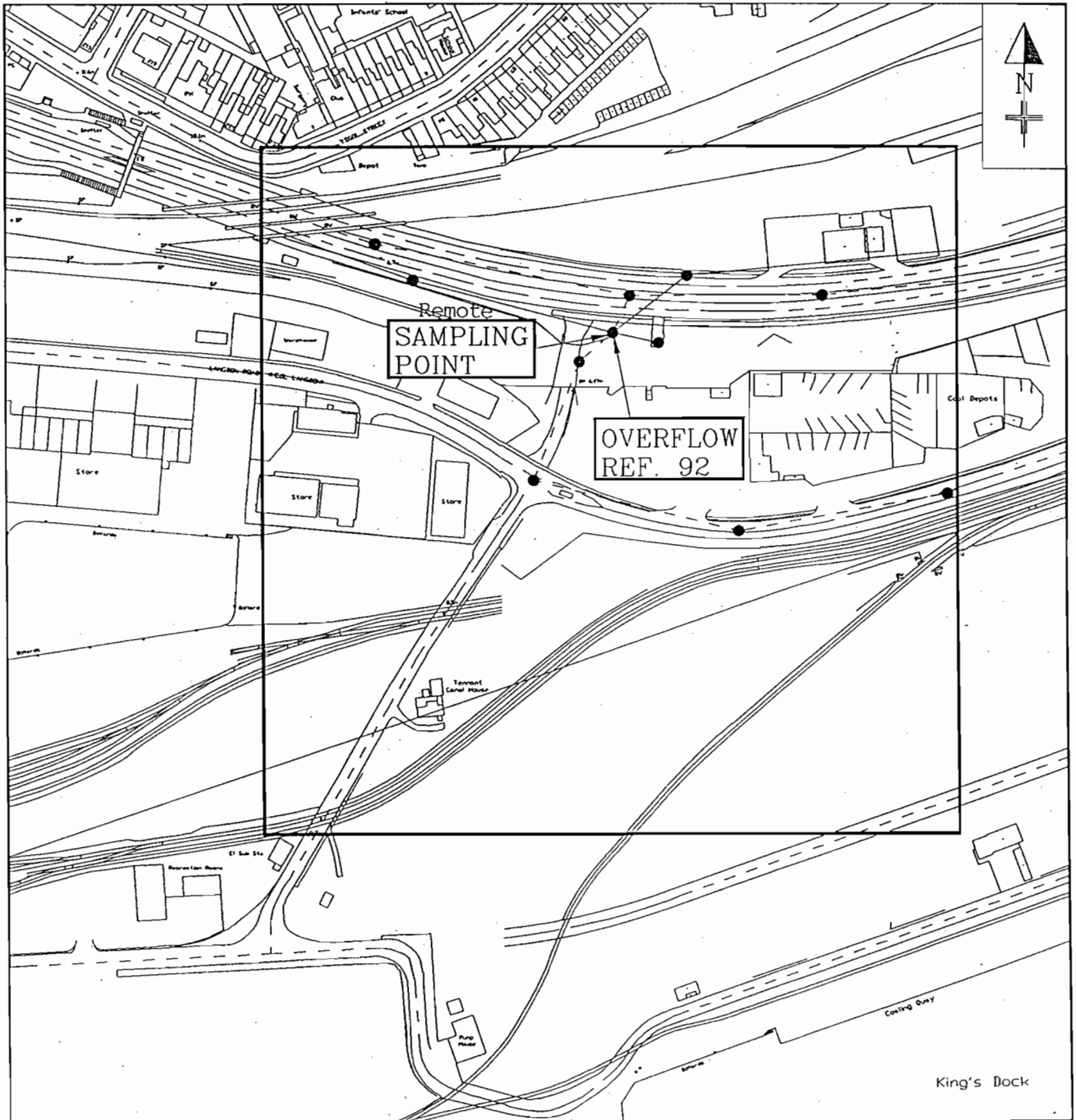
8. There shall be no discharge under the terms of this consent until the 1st January 1998 or the start of commissioning of the works whichever is the sooner. The discharger shall give the Agency at least 28 days written notice before making the discharge.



SAMPLING POINT GRID REF. - OVERFLOW 92 87560/93010
 SAMPLING POINT GRID REF. - OVERFLOW 95 88050/93220
 OUTFALL POINT GRID REF. - OVERFLOW 92/95 88770/92550

SWANSEA BAY BATHING WATERS IMPROVEMENT SCHEME		Overflow Locations Overflow 92/95	
Scale	1:5000	Drawn	R.M.C.F.
Checked	W.A. CLUNE	Date	Mar 98
Drawn		Issued	
Drawn		Drawn	92/95

ANNEX 1 Plan No. BP0237414b



BP0237414 (b)

SAMPLING POINT GRID REF:-67560/93010
OUTFALL POINT GRID REF:- 68770/92550

Dwr Cymru / Welsh Water
City of Swansea.

Title :
Overflow Locations
Overflow 92

Swansea Bay Bathing Waters
Improvement Scheme.

Date : Nov 95

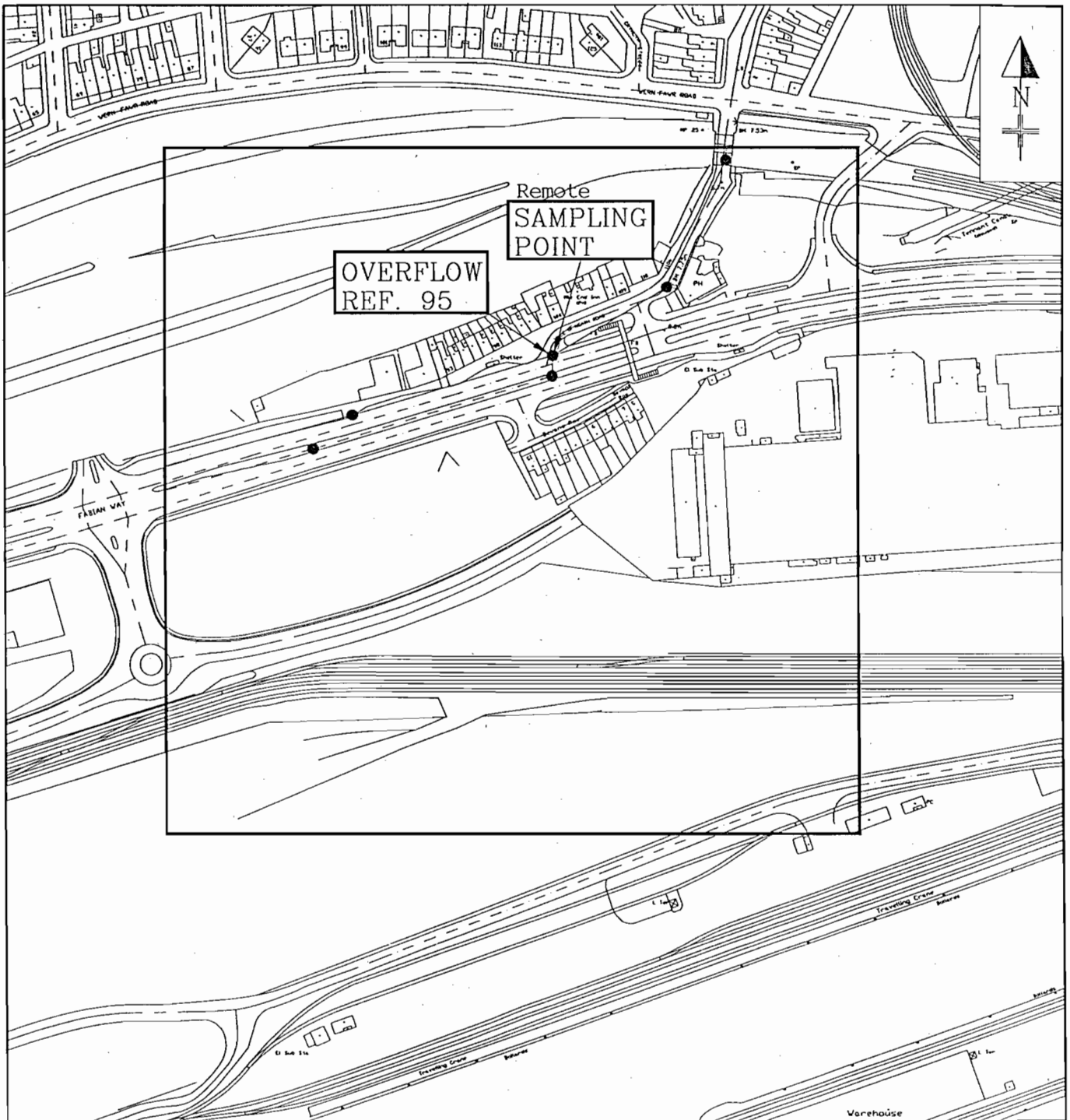
Drawn by R.McT

Checked by

Dwg No : Overflow-92

Scale 1:1250

ANNEX 1 Plan No. BP0237414c



BP0237414 (c)

SAMPLING POINT GRID REF:-68050/93220
OUTFALL POINT GRID REF:- 68050/93220

Dwr Cymru / Welsh Water
City of Swansea.

Swansea Bay Bathing Waters
Improvement Scheme.

Title :

Overflow Locations
Overflow 95

Date :

Nov 95

Drawn by

R.McT

Checked by

Dwg No :

Overflow-95

Scale

1:1250