



ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for new consent/~~variation to an existing consent~~* to discharge

(* delete as appropriate)

Regional/Area Address:

Regional Finance Manager
Environment Agency
P.O Box 663
Cardiff CF2 1YD

Official Use Only

Dist/Area Ref: WEP5

Application No. BP0283901

Date Received: 22-11-99

Fee Received: ~~22~~ £617

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all the relevant sections and provision of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld.

1 SITE ADDRESS

1.1 Address or other sufficient description of land or premises to which this application applies.

CSO - CRAIG - TAL - Y - FAN

Post Code:

2 DETAILS OF DISCHARGE(S)

2.1 State the nature of the discharge(s) (see note i and ii) - tick one or more boxes as appropriate:-

Sewage Effluent - volume of 5 cubic metres per day or less ☐

Sewage Effluent - volume greater than 5 cubic metres per day (complete annexe 1) ☐

Sewage Effluent discharged under storm or emergency conditions (complete annexe 2) ☒

Cooling Water (complete annexe 3) ☐

Trade Effluent (including site drainage) (complete annexe 3) ☐

Others (please specify) ☐

2.2 Please state the maximum quantity it is proposed to discharge in any one day m³/day
Briefly state how this figure was calculated (see note ii).

N/A.

2.3 a) Indicate proposed means of discharge - tick as appropriate and show on plan:-
(for 1, 2 & 3 please state dimensions below)

1. Pipe ☒

4. Borehole ☐

7. Sub-Irrigation System ☐

2. Channel ☐

5. Well ☐

8. Combination of 6. & 7. ☐

3. Culvert ☐

6. Soakaway ☐

9. Other (please specify below) ☐

600mm

b) National Grid Reference(s) of point(s) of discharge (see note iii).

/ / (please indicate on accompanying plans)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe and convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:-

At the outlet ☐

At a manhole or sampling chamber ☐

Other (please specify)

AT CSO

b) National Grid Reference(s) of sampling point(s). (If different from 2.3 b) above)

/ / (please indicate on accompanying plans)

c) What flow measurement facilities will be provided (see note v)?
Please give details.

N/A

2.5 a) Type of Treatment Plant(s) to be used (please specify make and model) - tick as appropriate:-

Septic Tank ☐

Package Sewage Treatment Works ☐

Other ☐

N/A

b) Will the treatment process involve the use of any chemicals (eg ferric salts, polyelectrolytes) ☐ Y/N
If yes please give details.

N/A

2.6 a) On what date do you anticipate the discharge will commence?

1 / 4 / 2000

b) If you require the consent for a limited time period please give dates; from:

to:

c) If the discharge is not continuous please detail the period/circumstances when it will occur.

29 SPILLS PER YEAR

2.7 a) Are there any existing consents for discharge from the premises (see note vi)? ☐ Y/N

If yes, please give the reference numbers (Any further information should be given in section 5.3).

b) Has any person had a Prohibition Notice served on them in respect of this site? ☐ Y/N

If yes, please give the reference number.

N/A

3 SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

BRIDGEND COUNTY BOROUGH COUNCIL

3.2 Please give details of the premises - tick as appropriate:-

1. Single Dwelling ☐

6. Fish Farm ☐

2. Multiple Dwellings ☐

7. Mineral Workings ☐

3. Industrial Premises ☐

8. Water Services plc STW ☐

4. Vehicle Parking Area ☐

9. Water Supply ☐

5. Commercial Premises (please specify) ☐

10. Other (please specify) ☒

WATER SERVICES Plc - CSO

3.3 Please indicate source of the water supply - tick as appropriate:-

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Well | ☐ | 5. River (please give name below) | ☐ |
| 2. Borehole | ☐ | 6. Estuary (please give name below) | ☐ |
| 3. Precipitation (eg. rain or snow) | ☐ | 7. Coastal Water (please give name below) | ☐ |
| 4. Mains (please state water supply company) | ☐ | | |

4 DETAILS OF RECEIVING ENVIRONMENT

4.1 Receiving Medium - tick the category(s) to which the proposed discharge(s) is(are) to be made:-

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | ☐ | 5. Into Land | ☐ |
| 2. River or Stream (non-tidal) | ☒ | 6. Onto Land | ☐ |
| 3. Canal | ☐ | 7. Directly into Groundwater | ☐ |
| 4. Lake, Loch or Pond | ☐ | 8. Coastal Water (see note vii) | ☐ |

State name of receiving water if known:

4.2 In the case of sub-irrigation systems, soakaways or boreholes:-

- (a) Is any part of the system within 5 metres of the boundary of the premises?
- (b) Is any part of the system within 10 metres of a watercourse?
- (c) Is any part of the system within 50 metres of a borehole or spring?
- (d) For wells and boreholes state dimension(s) in metres.
- (e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres.
- (f) For boreholes, state details of lining in metres:
- (i) Depth of lining
- (ii) Depth of perforated lining
- (iii) Depth of unperforated lining
- (g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided?

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)?
If yes, please give the reasons it is not practical to connect to it (eg. distance, flow etc.).

5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

(a) Full name and postal address of applicant. This should be the person who will become the consent holder should consent be issued.

*
*
*
*
*
*

Post Code:

Daytime Telephone Number:

Company Registration Number (if appropriate):

(b) Agent (if any) - Full name and postal address.

*
*
*
*
*
*

Post Code:

Contact Name and Daytime Telephone Number:

5.2

Please give full name and address to which bills should be sent if different to that given above:

*
*
*
*
*
*

Post Code:

Daytime Telephone Number:

5.3 Are there any other factors to be taken into account? Please continue on a separate sheet if necessary.

DECLARATION

~~I/We:~~

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the Environment Agency (see note x).
3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked (see note xi).
4. will pay required advertising costs (see note xii).
5. confirm that ~~I/we~~* will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the consent.
6. confirm that the information given in this application and any questions which the Environment Agency may have about it is/will* be true to the best of ~~my/our~~* knowledge, information and belief and am/are* not aware of any other facts or information which might affect the granting of a consent, or conditions which might be put on it (see note xiii).
7. confirm that ~~I/we~~* will pay any annual charges due should a consent be granted YES/~~NO~~*. If no please indicate who will by completing section 5.2 above (see note xiv).

(* Delete as appropriate)

SIGNED: A.R. Andrews PRINT NAME: ANDREWS
ON BEHALF OF: Our company DATED: 5-11-99

o O o

CONFIDENTIALITY

I/we apply for commercial confidentiality and enclose a full written justification (see note xv).

SIGNED: DATED:

PLEASE RETURN THIS FORM TO THE ADDRESS GIVEN ON THE FRONT PAGE



ENVIRONMENT AGENCY

ANNEXE 2

SEWAGE EFFLUENT DISCHARGED IN STORM OR EMERGENCY CONDITIONS

Please complete this annexe if you are proposing to make a discharge of sewage in emergency or storm conditions (if the effluent is to contain a trade component then Annexe 3 should also be completed)

Official Use Only
Application No.

1. Site Name.

CSO - CRAIG TAL Y FAN

2. State the type of discharge - tick as appropriate:-

Storm tanks

☐

Combined Sewer Overflow from sewerage system

☒

Combined Sewer Overflow from pumping station

☐

Emergency overflow from sewerage system

☐

Emergency overflow from pumping station

☐

Other (please specify)

☐

3. For effluents discharging from sewage treatment works, is the storm/emergency effluent discharged via the same outlet as the treated effluent?

Y/N

If no please give: a) the National Grid Reference of the treated effluent outlet.

/ /

b) the consent or application number covering the treated effluent discharge.

If yes please give the National Grid Reference of the storm/emergency sampling point (see notes)

/ /

4. For effluents discharging from combined sewer overflows, is the discharge via a dedicated pipe?

Y/N

If no please give the National Grid Reference of the overflow into the sewer.

/ /

5. Overflow settings

- a) Overflow setting to storm tanks.
- b) Maximum flow to storm tanks.
- c) Overflow setting to storm sewage overflow.
- d) Maximum flow to storm sewage overflow.

105 l/s

500 l/s

105 l/s

— l/s

6. Storage capacity

- a) Volume of Storm Tanks.
- b) Retention time of storm tanks at maximum flow.
- c) Storage capacity of sewer/wet well.

1047 m³

2 hours

N/A m³/day

7. Please provide full details of the design criteria that have been used to support this application.

SEE PHASE 3 REPORT
AND ENGINEERING SYNOPSIS

8. Will facilities be provided to raise alarms (eg. telemetry)?
If yes, please give details.

☒ Y/☐ N

TELEMETRY ON SCREEN POWER FAILURE/MECHANICAL BREAKDOWN

9. Will facilities be provided to prevent the discharge of gross solids?
If yes, please give details (for screens give bar spacing or aperture).

☒ Y/☐ N

6mm MECHANICALLY BRUSHED SCREEN
(HUBER ROTAMAT)

10. What provisions will be made to deal with:

- a) power failure (eg. standby generators)?

TELEMETRY

- b) mechanical breakdown (eg. standby pumps)?

TELEMETRY

- c) rising main failure?

N/A

- d) tanker access?

VIA ACCESS TRACK

Notes (see also the notes on the main form):

Full details of the design criteria must be provided in order for the application to be determined. If you have any queries about what information is required please contact the person given in notes attached to the main form.



ANNEXE 4

WELSH REGION SUPPLEMENTARY INFORMATION ANNEXE

Please complete this annexe for every proposed discharge.

Official Use Only
Application No.

For all proposed discharges:

1. Site Name.

CSO - CRAIG TAL Y FAN

2. Is this application being made to reinstate a lapsed Consent?

☒ N

If so, please state the Number of the lapsed Consent:

IMPORTANT: If you are in need of advice on either part of question 2, please contact the Agency Regional Consents Section on 01222 770088.

3. If the proposed discharge is to be made down a pipe, channel or culvert (as given in Section 2.3 in the main application form), please state the diameter (including units):

600 mm

4. Please indicate the anticipated cost of the proposed scheme, including any alternatives which may have been considered:

SEE PHASE 3 REPORT

5. Is there any trade effluent component in the proposed discharge?

☒ N

If yes, please confirm here that you have completed and enclosed Annexe 3:

Tick

☐



6. Will the proposed discharge be pumped or made under gravity? (please circle):

Pumped / Gravity

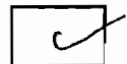
If pumped, please state the maximum pump rate in l/sec:

l/s

For proposed discharges of sewage in storm or emergency conditions:

7. Please confirm here that you have completed and enclosed both Annexes 1 and 2:

Tick



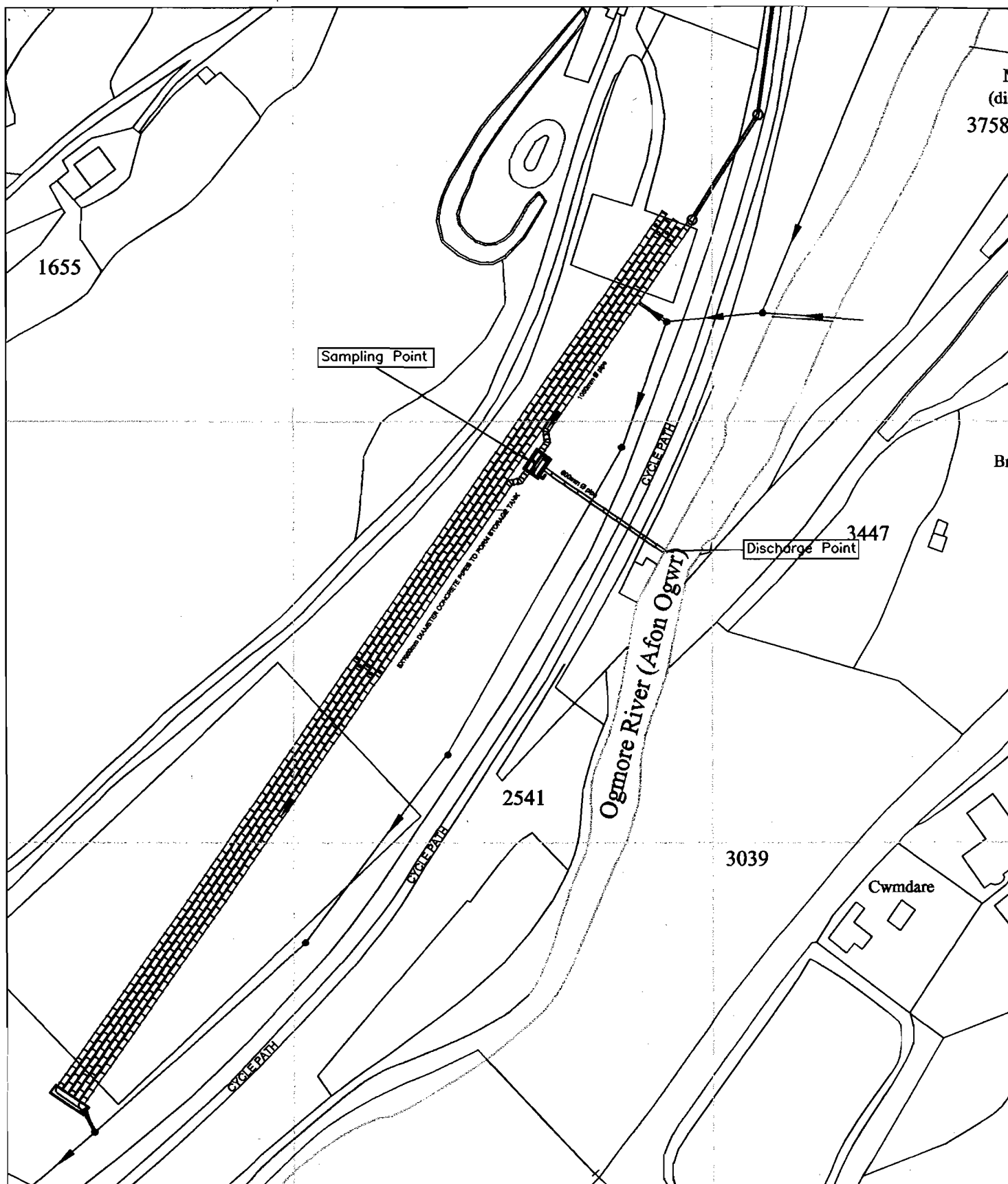
8. Please state:

Population served (head)	12858
Consumption (l/head/day) default = 180	180
Infiltration (m ³ /day)	3542
Industrial effluent flow (m ³ /day)	0
Dry Weather Flow (m ³ /day)	5875
SOCA (l/sec)	270
Predicted spill frequency (per annum)	29

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

1. Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (e.g. a public limited company ('plc'), limited company, local authority), the 'body corporate' will be the registered consent holder, and the person with the delegated authority to sign on behalf of the 'body corporate' should give their job title.
2. Agents making an application on behalf of a client, must attach their clients written authority.
3. If the name and/or address of the applicant changes after submission of this application to the Environment Agency, the applicant must inform the Agency in writing.





O.S.Ref. at C.S.O. : SS9326086490
 O.S.Ref. at Discharge : SS9328886469



Key :

- Foul Sewer
- SW System
- Discharge to SW System
- C.S.O.

**Dwr Cymru/Welsh Water
 City and County of Swansea**

BLACKMILL CSO

**AMP 2 CSO Programme
 Ogmore**

Date : Oct 1999

Scale : 1:1000

Dwg.No. : 52389

Eich cyf/Your ref.

Ein cyf/Our ref.

Dyddiad/Date:

Date as Postmark



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Environment Quality Scientist
Dwr Cymru Cyfyngedig
Plas y Ffynnon
Cambrian Way
Brecon
LD3 7HP

Dear Sir,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT. APPLICATION Nos BP 0283901/0283801/0284001/0286001.

Further to your application the Agency has decided that consent should be given subject to conditions. I enclose the Agency's formal consent to discharge storm sewage.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. The charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet.

If you consider that the conditions imposed by the consent are unreasonable you have a right of appeal to the National Assembly for Wales, Cathays Park, Cardiff, CF10 3NQ.

Notice of an appeal must be given in writing within three months of this notification and must be accompanied by a statement of the grounds of appeal.

If granted, a consent under Schedule 10 of the Act, covers water quality considerations only. It does not alter the need to obtain any other consents or approvals which might be required in connection with your proposal under other legislation. For example it does not give any right or permission to discharge where land is not owned by the applicant.

Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This is to ensure that the rights and charges associated with the Consent are transferred to the new holder. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

Asiantaeth yr Amgylchedd Cymru
Llys Afon, Hawthorn Rise, Hwlfordd. Sir Benfro. SA61 2BQ
Ffon: 01437 760081, Ffacs: 01437 760881

Environment Agency Wales
Llys Afon, Hawthorn Rise, Haverfordwest, Pembrokeshire. SA61 2BQ
Tel: 01437 760081, Fax: 01437 760881



If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Andy Phillips, Team Leader Environment Protection, Environment Agency, Glan Tawe, 154 St Helens Road, Swansea, West Glamorgan SA1 4DF.

Yours faithfully,

 **NIALL REYNOLDS**
Environment Planning Manager

Enc.

CONSENT NO.	BP0283901
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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
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 a discharge **OF SEWAGE EFFLUENT**, as follows:

STORM SEWAGE

FROM: CRAIG TAL-Y-FAN COMBINED SEWER OVERFLOW

AT: OGMORE VALE

TO: THE RIVER OGMORE

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

STORM SEWAGE

Schedule No. BP0283901 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 and takes effect on the 30th day of March 2000

Signed *H. J. Williams*
Team Leader Water Quality Consents



CONSENT NO.	BP0283901
SCHEDULE NO.	BP0283901 01
DATE ISSUED	<i>30th March 2000</i>



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

STORM SEWAGE ("the Discharge")

FROM: CRAIG TAL-Y-FAN COMBINED SEWER OVERFLOW

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 600mm diameter pipe;
 - (b) discharging to the River Ogmore;
 - (c) at National Grid Reference SS 9329 8647;
 - (d) shown marked 'Discharge Point' on Plan No BP0283901 attached as Annex 1

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SS 9326 8649, as shown marked 'Overflow Sample Point' on Plan BP0283901, so that a representative 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

4. The Discharge shall occur when and only for as long as, the storm storage tank is full. The discharge of storm sewage to the storage tank shall only occur when the rate of flow at the storm sewage separating weir is in excess of 105 litres per second due to rainfall and/or snowmelt. The storm storage tank shall be emptied automatically and the contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
5. The capacity of the storm tank(s) shall be at least 1047 cubic metres.



CONSENT NO.	BP0283901
SCHEDULE NO.	BP0283901 01



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

COMPOSITION

6. (a) The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres in two dimension(s).
- (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

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

SCREEN FAILURE

8. (a) A 24 hour response telemetry alarm system shall be provided by start of commissioning of the overflow.
- (b) The alarm system shall be maintained to provide a notification in the event of a failure of the screen raking mechanism during normal operation.
- (c) The Consent Holder shall notify the Agency, within 24 hours of receipt of a telemetry warning, that the failure has taken place.
- (d) On request the Consent Holder shall supply the Agency with a written report on the screen raking mechanism failure. The report shall detail the reasons why the situation occurred, the actions taken by the Consent Holder and an assessment of what measures can be adopted in the future to minimise such occurrences.

note: normal operation for this condition b) is concerned with wet weather conditions when the screen and raking mechanism would be expected to be operational.

START DATE

7. There shall be no discharge under the terms of this consent until the 1st of April 2000 or the start of commissioning of the storm overflow whichever is the sooner.





Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



ENVIRONMENT
AGENCY

Part A

To: DWR CYMRU CYFYNGEDIG
ENVIRONMENT QUALITY SCIENTIST
PLAS-Y-FFYNNON CAMBRIAN WAY
BRECON
LD3 7HP



NB: For a body corporate the job title is a point of contact.

Holder Start Date: 30/03/00

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BP028390101 Consent Issued: 30/03/00

Nature of Discharge(s); SSOR Sewage - Storm effluent - Rainfall
at SS9329086470 CRAIG TAL Y FAN CSO OGMORE VALE

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor. To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To:

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent: BP028390101 Name: DWR CYMRU CYFYNGEDIG
Consent Issued: 30/03/00 Address: ENVIRONMENT QUALITY SCIENTIST
PLAS-Y-FFYNNON CAMBRIAN WAY
BRECON
LD3 7HP

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: * delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s):

Signed:

Dated:

Name (block capitals):

Position:

(to be completed when signing on behalf of corporate bodies)

