

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: 01-OCT-96

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BH0053404 Consent Issued: 02-SEP-97

Nature of Discharge(s): SEWAGE EFF/STORM EFF/RAINFALL
at

BRICKYARD LANE PS BRICKYARD LANE CARMARTHEN

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: BH0053404

Name: DWR CYMRU CYFYNGEDIG

Address:

Consent Issued: 02-SEP-97

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:

JWB5/96

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





ASIANIAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Your ref.: various
Our ref.: N/WQConsents/DSAnnex

Date: 14th March 2000

Mr A. Andrews
Dŵr Cymru cyf.
Plas Y Fynnon
Cambrian Way
Brecon
LD3 7HP

Dear Sir

DISCHARGE CONSENTS - NOTIFICATION OF CHANGE TO DANGEROUS SUBSTANCES ANNEX

According to our records, you have a Consent to discharge trade or sewage effluent. The Discharge Consent contains the following condition or one that is similar: -

"The discharger shall notify the Agency in writing if any known introduction or material change in respect of discharges from trade premises...occurs that may increase or introduce into the effluent any "dangerous substance" included on List I, List II, or Red List (set out in Annex ...to this notice as updated from time to time and notified to the discharger in writing)..."

Owing to Regulations issued by DETR, the Environment Agency has reviewed the listing of substances in the Annex to this condition.

The Surface Waters (Dangerous Substances) (Classification) Regulations (SI No 2560 (1997) and SI No 389 (1998)) have made some substances, which had previously been identified in Government circular 7/89, statutory and have added 20 new substances to this list. The Annex listing has also been revised to reflect the additional substances in the Regulations and to include other substances that have become a cause for concern since 1989 when the listing was first issued.

This letter and the attached revised listing serves as the required Notification, referred to in the Consent condition. The change takes immediate effect. Please replace the old list with the new one. Please contact your local Environment Agency office and write or speak to Alun Davies if you have any queries about this letter.

Thank you for your help in this important matter.

Yours faithfully

B. Williams

KEVIN THOMAS
WATER QUALITY MANAGER WALES

Asiantaeth yr Amgylchedd Cymru
Plas-yr-Afon, Parc Busnes Llanelwng, Llanelwng, Caerdydd, CF3 0EY
Ffôn: 029 20770088 Ffacs: 029 20798555

Environment Agency Wales
Rivers House, St Mellons Business Park, St Mellons, Cardiff, CF3 0EY
Tel: 029 20770088 Fax: 029 20798555



CONSENT NO.	BH0053404
SCHEDULE NO.	BH005340401

ANNEX

1.	Mercury and its compounds	2.	Cadmium and its compounds
3.	Hexachlorocyclohexane (lindane and related compounds)	4.	Carbon tetrachloride
5.	DDT (the isomers of 1,1,1-trichloro-2,2 bis{p-chlorophenyl} ethane)	7.	Aldrin
6.	Pentachlorophenol (PCP)	9.	Endrin
8.	Dieldrin	11.	Hexachlorobenzene (HCB)
10.	Isodrin	13.	Chloroform
12.	Hexachlorobutadiene (HCBd)	15.	Dichlorvos
14.	Polychlorinated biphenyls	17.	Trichlorobenzene
16.	1,2-Dichloroethane	19.	Simazine
18.	Atrazine	21.	Triphenyltin compounds
20.	Tributyltin compounds	23.	Fenitrothion
22.	Trifluralin	25.	Malathion
24.	Azinphos-methyl	27.	Lead
26.	Endosulfan	29.	Zinc
28.	Chromium	31.	Nickel
30.	Copper	33.	*Iron
32.	Arsenic	35.	*Boron
34.	*pH outside range 5.5 to 9.0	37.	PCSD'S
36.	Vanadium	39.	Sulcofuron
38.	Cyfluthrin	41.	Permethrin
40.	Flucufuron	43.	2-Chlorophenol
42.	4-Chloro-3-methyl-phenol	45.	2,4-D (ester)
44.	2,4-Dichlorophenol	47.	1,1,1-Trichloroethane
46.	2,4-D (non ester)	49.	Bentazone
48.	1,1,2-Trichloroethane	51.	Biphenyl
50.	Benzene	53.	Demeton
52.	Chloronitrotoluenes	55.	Linuron
54.	Dimethoate	57.	Mecoprop
56.	MCPA	59.	Napthalene
58.	Mevinphos	61.	Toluene
60.	Omethoate	63.	Xylene
62.	Triazophos	65.	Azinphos-ethyl
64.	Cyanide	67.	Parathion
66.	Fenthion	69.	Trichloroethylene
68.	Parathion-methyl	71.	Dioxins
70.	Tetrachloroethylene	73.	Nonyl phenol
72.	PAHs	75.	Di-ethylhexyl phthalate
74.	Nonyl phenyl ethoxylate	77.	Diazinon
76.	Bisphenol-A	79.	Chlorotoluron
78.	Chlorfenvinphos	81.	Diuron
80.	Isoproturon	83.	Flumethrin
82.	Propetamphos	85.	High-Cis Cypermethrin
84.	Amitraz	87.	Deltamethrin
86.	Cyromazine		
88.	Cypermethrin		

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

*Notification to the Agency by the Consent holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.

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

CONSENTS REGULATION OFFICER

PLAS-Y-FFYNNON

CAMBRIAN WAY

BRECON LD3 7HP

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BH0053404

Nature of Discharge(s): SEWAGE EFF/STORM EFF/RAINFALL
at
BRICKYARD LANE PS

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:

Name:

Address:

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);

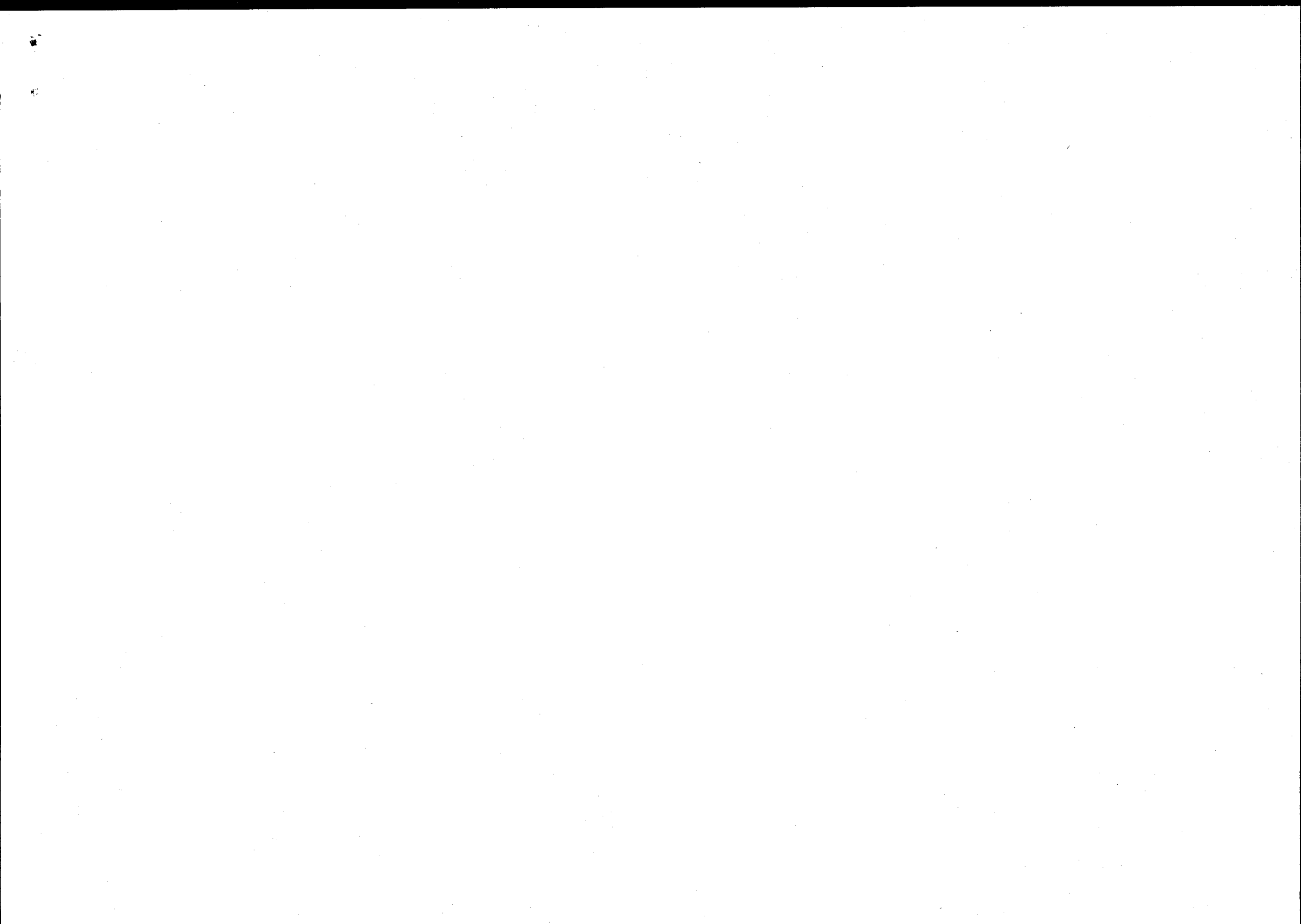
Signed:..... Dated:.....

Name (block capitals): Position:

WRE/5/96

(to be completed when signing)





Eich cyf/Y our ref.

Ein cyf/Our ref. 2/EQ/BH0053404/HJH/BAW
Dyddiad/Date: 4 September 1997



ASIANIAETH YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

Environment Quality Scientist

Dwr Cymru Cyfyngedig

Plas Y Ffynon

Cambrian Way

Brecon

LD3 7HP

Item
reference DC52975508568

Dear Sir/Madam

RE: WATER RESOURCES ACT 1991 SECTION 88 SCHEDULE 10 (AS AMENDED
BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF
CONSENT TO DISCHARGE

Further to your application for variation of consent of the Agency to discharge under the provisions of Section 88 of the Water Resources Act 1991, I enclose the Agency's formal notice of the variations made to the conditions of the consent to discharge Sewage Effluent from Brickyard Lane Pumping Station.

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. This charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to the Secretary of State for Wales at the Welsh Office, Cathays Park, Cardiff CF1 3NQ.

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 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.

Yours faithfully

H. J. Hughes
D B L MATHIAS
Area Water Quality Manager

Enc.

Please ask for: Norman Bunyan Ext: 3033

Asiantaeth yr Amgylchedd

Llys Afon, Hawthorn Rise, Hwlfordd, Sir Benfro, SA61 2BQ
Ffôn 01437 760081, Ffacs 01437 760881

Environment Agency

Llys Afon, Hawthorn Rise, Haverfordwest, Pembrokeshire, SA61 2BQ
Tel 01437 760081, Fax 01437 760881

CONSENT NO. BH0053404



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dwr Cymru Cyfyngedig
Plas Y Ffynnon
Cambrian Way
Brecon
LD3 7HP

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 several
discharges **OF SEWAGE EFFLUENT**, as follows:

**SETTLED STORM SEWAGE
SEWAGE IN AN EMERGENCY**

with respect to Review of Consent No. BH0053404 dated the 24th day of June 1992

FROM: BRICKYARD LANE PUMPING STATION

AT: BRICKYARD LANE, CARMARTHEN

TO: THE TAWELAN BROOK, TYWI ESTUARY

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

**SETTLED STORM SEWAGE
SEWAGE IN AN EMERGENCY**

**SCHEDULE NO. BH0053404 01
SCHEDULE NO. BH0053404 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 and takes effect on the 2nd day of September 1997

Signed
Area Water Quality Manager

Asiantaeth yr Amgylchedd

Llys Afon, Hawthorn Rise, Hwlford, SA61 2BQ Ffon 01437 760081, Ffacs 01437 760881

Environment Agency

Llys Afon, Hawthorn Rise, Haverfordwest, SA61 2BQ Tel 01437 760081 Fax 01437 760881

CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404 01
DATE ISSUED	2 nd September 1994



ASIAN TAETH YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

CONDITIONS OF CONSENT TO DISCHARGE

SETTLED STORM SEWAGE ("the Discharge")

FROM: BRICKYARD LANE PUMPING STATION

NATURE

1. (a) The Discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
- (b) Provided that the Discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by these conditions.

2. The Discharge shall consist solely of settled storm sewage.

LOCATION

3. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 600 millimetre diameter pipe;
 - (b) discharging to the Tawelan Brook;
 - (c) at National Grid Reference SN 4040 1955;
 - (d) shown marked 'Consent Point' on Plan BH0053404 attached as Annex 2.

SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 4040 1970, as shown marked "Storm Discharge Sample Point" on Plan BH0053404, so that a representative sample of the Discharge may be obtained. The discharger 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.



CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404

VOLUME

5. The Discharge shall occur when and only for as long as, the storm tanks are full. The discharge of storm sewage to the storm tank shall occur only when the rate of flow at the storm sewage separating weir is in excess of 224 litres per second due to rainfall and/or snow melt. The storm tanks shall be emptied automatically and their contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
6. The capacity of the storm tanks shall be at least 1441 cubic metres.

COMPOSITION

7. (a) The Discharge shall not contain a significant quantity of solid matter having a size greater than 10 millimetres in more than two dimension.
- (b) The Discharge shall not be comminuted or macerated to achieve the standard in (a) above.

RECORDING AND REPORTING

8. (a) The discharger 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 discharger shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
9. The discharger shall notify the Agency in writing if any known introduction or material change, in respect of discharges from trade premises to the sewerage system, occurs that may increase or introduce into the effluent any "dangerous substance" included on Lists I, II Red List, or Annex 1 to this notice as updated by the Agency from time to time, and notified to the discharger in writing, or any other substance considered by the discharger as having or likely to have a significant effect on the receiving waters.
10. As far as is reasonably practicable, the works 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.



CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404 01



ASIAN DEVELOPMENT
BANK
ENVIRONMENT
AGENCY

ANNEX 1

SUBSTANCE

Mercury
Cadmium
g-Hexachlorocyclohexane
DDT
Pentachlorophenol
Hexachlorobenzene
Hexachlorobutadiene
Aldrin
Dieldrin
Endrin
Polychlorinated Biphenyls
Dichlorvos
1,2 Dichloroethane
Trichlorobenzene
Atrazine
Simazine
Tributyltin compounds
Triphenyltin compounds
Trifluralin
Fenitrothion
Azinphos-methyl
Malathion
Endosulphan
Carbon tetrachloride
Chloroform
Trichloroethylene
Tetrachloroethylene
Lead
Chromium
Zinc
Copper
Nickel
Arsenic
Iron
pH
Boron

Vanadium
PCSDs
Cyfluthrin
Sulcofuron
Flucofuron
Permethrin
Cyanide
Azinphos-ethyl
Fenthion
Parathion
Parathion-methyl
Trichloroethane
Dioxins
Isodrin

CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404 02
DATE ISSUED	2 nd September 1997



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

CONDITIONS OF CONSENT TO DISCHARGE

SEWAGE IN AN EMERGENCY ("the Discharge")

FROM: BRICKYARD LANE PUMPING STATION

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 discharger, 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 discharger, 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 discharger 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 600 millimetre diameter pipe;
 - (b) discharging to the Tawelan Brook;
 - (c) at National Grid Reference SN 4040 1955;
 - (d) shown marked 'Consent Point' on Plan BH0053404 attached as Annex 2.



CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404 02



ASIAN DEVELOPMENT
BANK
ENVIRONMENT
AGENCY

SAMPLE POINT

4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SN 4041 1970, as shown marked "Emergency Discharge Sample Point" on Plan BH0053404, so that a representative sample of the Discharge may be obtained. The discharger 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.

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.

RECORDING AND REPORTING

6. (a) The discharger 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 discharger shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.

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 discharger shall take all reasonable remedial measures to return the pumping station to normal operation, as soon as practicable after warning of failure or breakdown of the pumping station.
 - (c) The discharger 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.
8. On request the discharger shall supply the Agency with a written report on the operation of the emergency overflow.

CONSENT NO.	BH0053404
SCHEDULE NO.	BH0053404 02



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

POWER

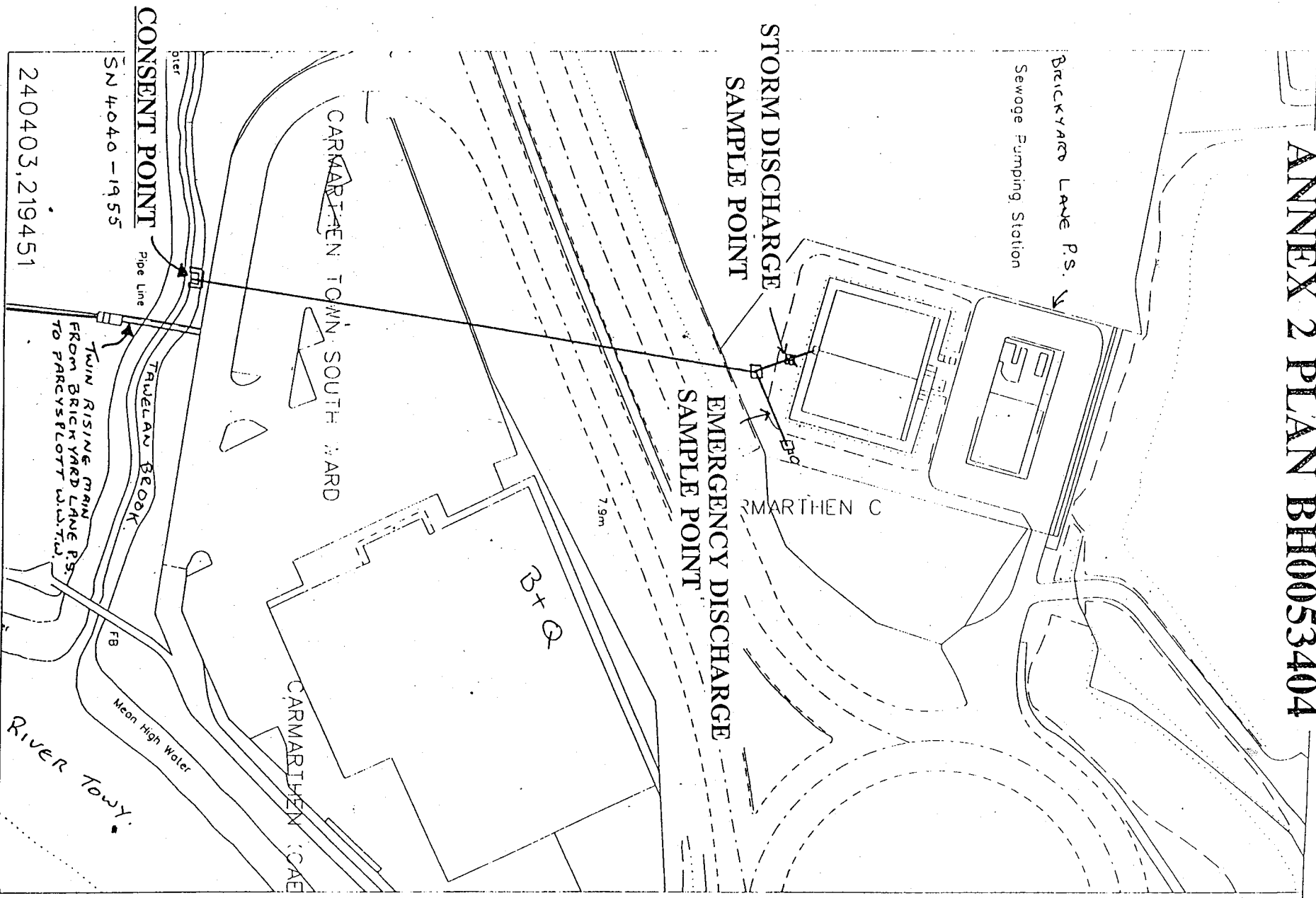
9. Facilities shall be provided so that a mobile stand-by generator may readily be installed at the pumping station in the event of electrical failure and the discharger shall install and operate such a generator as soon as is practicable after an electrical failure.
10. A duplicate electricity supply shall be provided and maintained for use in the event of failure of the normal electricity supply.

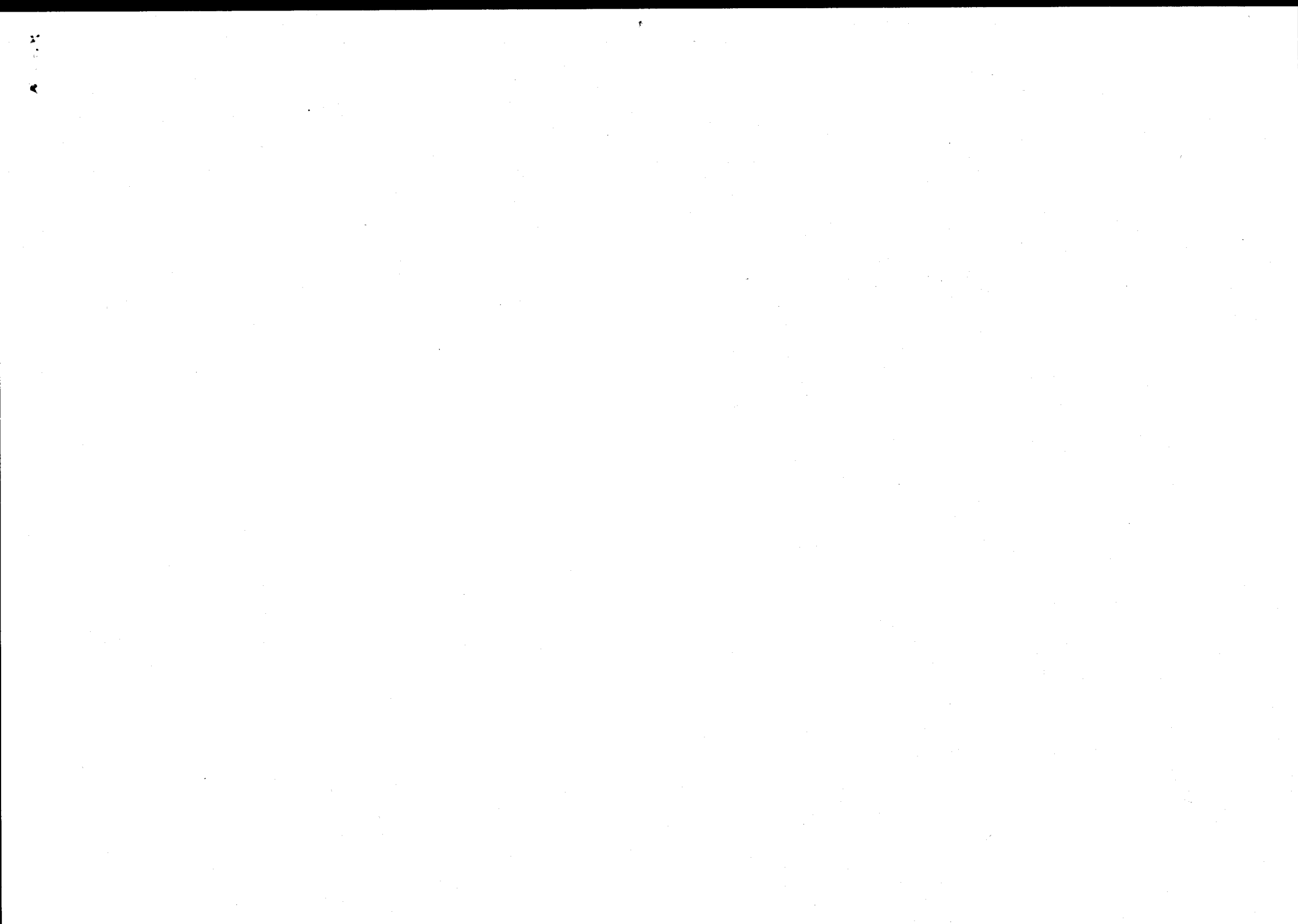
PUMPS

11. The duty pumps shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
12. Stand-by pumps shall automatically activate should the duty pumps become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pumps shall automatically reactivate immediately after the power is restored following interruption to the supply.
13. A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.
14. An external pumping equipment facility shall be provided and maintained for use in the event of installed pumps being inoperative.



ANNEX 2 PLAN BH0053404







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: The Regional Finance Manager Environment Agency Welsh Region PO Box 425 St Mellons Business Park CARDIFF CF3 0LT	Official Use Only Dist/Area Ref: 1303 Application No. B0253464 Date Received: 2/4/97 Fee Received:
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NEW EMERGENCY

REVIEW OF STORM

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 (see note xiii).

1 SITE ADDRESS

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

BRICKYARD LANE BRICKYARD LANE CARMARTHEN

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 ^{Storm} 20390 m³/day
 Briefly state how this figure was calculated (see note ii). EMERGENCY 39,744 m³/d

MAXIMUM RATE OF STORM PUMP = 236 l/s = 20390 m³/d
 MAXIMUM DESIGN FLOW OF 3 NO. INCOMING SEWERS - ALL PUMPED - TAKEN
 FROM ATTACHED DRAWING N° 2 575 101A = 39,744 m³/d

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) ☐

24" (600 mm)

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

S N / 4 0 4 0 / 1 9 5 5 (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:-

(a) At the outlet ☒ At a manhole or sampling chamber ☐

Other (please specify) (b-)

SAMPLE MAY BE TAKEN FROM OUTLET OF STORM TANK
 IF OUTLET TO WATERCOURSE IS FLOODED

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

(a) S N / 24 0 4 0 / 1 9 5 5 (please indicate on accompanying plans)
 (b) S N / 4 0 4 0 / 1 9 7 0 (c) (ALTERNATIVE FOR EMERGENCY) SN 4041 1970

c) What flow measurement facilities will be provided (see note v)?

Please give details.

NONE

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 ☐

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

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

1 / 4 / 97

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.

PROLONGED STORM CONDITIONS / EMERGENCY

2.7

a) Are there any existing consents for discharge from the premises (see note vi)?
If yes, please give the reference numbers (Any further information should be given in section 5.3).

☒ **Y/N**

B# 6053404

b) Has any person had a Prohibition Notice served on them in respect of this site?
If yes, please give the reference number.

☒ **Y/N**

3 SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

CHARNARTHEN

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

- | | | | |
|------------------------------------------|--------------------------|----------------------------|--------------------------|
| 1. Single Dwelling | <input type="checkbox"/> | 6. Fish Farm | <input type="checkbox"/> |
| 2. Multiple Dwellings | <input type="checkbox"/> | 7. Mineral Workings | <input type="checkbox"/> |
| 3. Industrial Premises | <input type="checkbox"/> | 8. Water Services plc STW | <input type="checkbox"/> |
| 4. Vehicle Parking Area | <input type="checkbox"/> | 9. Water Supply | <input type="checkbox"/> |
| 5. Commercial Premises (please specify). | <input type="checkbox"/> | 10. Other (please specify) | <input type="checkbox"/> |

WATER SERVICES plc PUMPING STATION

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:

THWELAN BROOK (APPROX 10m ABOVE CONFLUENCE WITH TYWI)

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

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.

* DWR CYMRU WELSH WATER

* PLAS Y FFYNFON

* CAMBRIAN WAY

* BRECON

* POWYS

*

Post Code: LD3 7HP

Daytime Telephone Number: 01874 623181

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: DWR Gamma Cdf DATED: 27-3-97

0 0

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.

BRICKYARD LANE PUMPING STATION
BRICKYARD LANE
CARMARTHEN

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. MAXIMUM PUMPING RATE WITH BOTH DUTY PUMPS RUNNING 224 l/s
- b) Maximum flow to storm tanks. MAXIMUM FLOW - 224 l/s = 236 l/s
- c) Overflow setting to storm sewage overflow. l/s
- d) Maximum flow to storm sewage overflow. l/s

6. Storage capacity

- a) Volume of Storm Tanks. $(20 \times 11 \times 3.275) \times 2$ 1441 m³
- b) Retention time of storm tanks at maximum flow. 1.7 hours
- c) Storage capacity of sewer/wet well. m³/day

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

2 NO DUTY PUMPS EACH WITH DEDICATED RISING MAIN. EACH PUMP DELIVERS 112 L/S STORM PUMP DELIVERS MAXIMUM OF 320 L/S (NOTE THAT WITH 460 L/S PUMPED TO BRICKYARD LAKE AND 224 L/S PASSED FORWARD TO PYS, THE MAXIMUM RATE OF THE STORM PUMP IS ACTUALLY 236 L/S).

FOUL PUMP FAILURE: 320 L/S TO STORM
140 L/S TO EMERGENCY

Will facilities be provided to raise alarms (eg. telemetry)? NOT VIA STORM TANK

If yes, please give details.

TOTAL FAILURE: 460 L/S TO EMERGENCY
Y/N

ULTRASONIC LEVEL DETECTION ON STORM TANKS, LINKED TO TELEMETRY.
PUMP FAILED' ALARMS ON ALL PUMPS

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

WEIR PLATES IN STORM TANKS. 10 mm BAR SCREENS IN STORM TANK OUTLET CHANNELS UNDER EMERGENCY CONDITIONS - 10 mm BAR SCREENS. ALSO NON-RETURN VALVE TO PREVENT STORM TANK FLOWS RETURNING TO SEWER.

10. What provisions will be made to deal with:

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

DUAL POWER SUPPLY FROM DIFFERENT SUB STATIONS

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

FOUL PUMPS - 2 DUTY 2 STANDBY
STORM PUMPS - 1 DUTY 1 STANDBY

- c) rising main failure?

2 NO. 14" RISING MAINS. EACH CAN BE ISOLATED FOR REPAIR. HOWEVER DURING REPAIR WORK, FLOW TO PYS WOULD BE REDUCED BY 50%

- d) tanker access?

YES

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.



ENVIRONMENT AGENCY

ANNEXE 3 TRADE EFFLUENT DISCHARGES

Please complete this annexe if you are proposing to discharge trade effluent (this includes site drainage).

Official Use Only
Application No.

1. Site Name.

BRICKYARD LANE PUMPING STATION

2.

a) Describe in full the trade effluent and the process(es) from which it arises.

SEE ATTACHED CONSENTS FOR TOWALI & CHARMATHEN
LIVESTOCK MART

b) Please state the type and number of treatment units you are proposing to use (if site drainage please include details of oil/petrol interception facilities).

3. Rainfall Dependent Discharges

a) Is the volume going to be rainfall dependent?

Y/N

b) If yes, please give the total area drained.

m²

c) Please give details of any activities which occur in the drainage area which could contaminate surface water (see note b)

4. Rainfall Independent Discharges

a) What is the maximum rate of discharge?

l/s

b) What is the average daily flow?

m³/d

c) For discharges where the source of supply is other than mains water:

i) give the abstraction licence number.

ii) give the National Grid Reference of a point where the influent can be sampled.

☐☐☐ / ☐☐☐☐☐☐☐ / ☐☐

☐☐☐

(please mark on the plan)

5. a) Will any self monitoring take place?
If yes, please give details.

Y/N

- b) Will automatic sampling equipment be provided?
If yes, please give details of type, frequency and location (*please indicate on plan*).

Y/N

6. a) Please state the maximum temperature in degrees Celsius of the effluent when discharged if different from ambient.

- b) Will the discharge be monitored for temperature?
If yes, please give details of type and location (*please indicate on plan*).

Y/N

7. Has an application for Authorisation been made for a 'prescribed process' as defined in Part 1 of the Environmental Protection Act 1990?

Y/N

If yes, please complete the following:

- a) The application reference.

- c) Contact name of case officer.



ASIANTAETH YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

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.

BRICKYARD LANE PUMPING STATION

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

Y/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):

24" (600mm)

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

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

Y/N

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

Tick



Storm is pumped
to tanks for
gravity discharge

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:

SEE ANNEXE 2

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:

N/A

Tick ☒

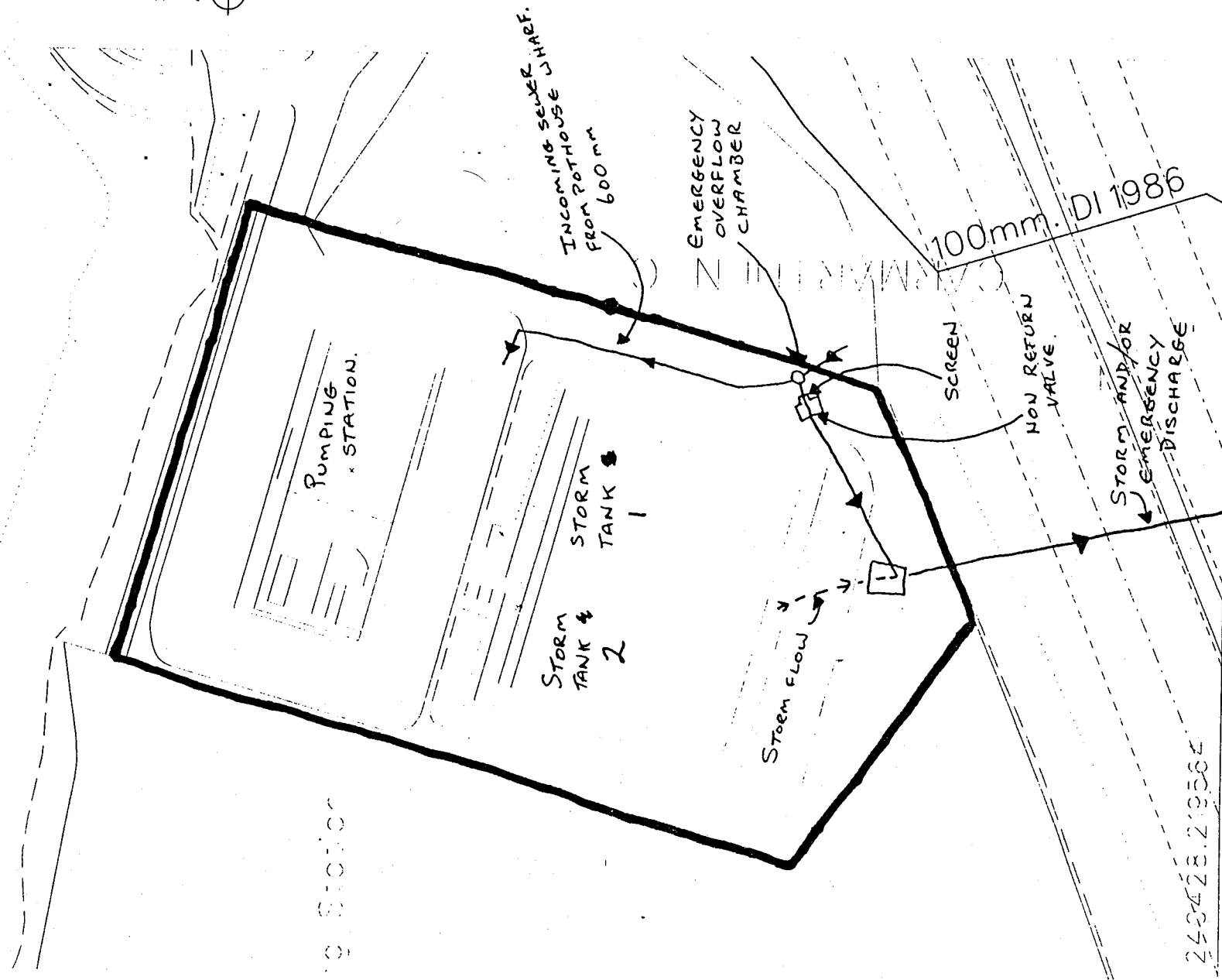
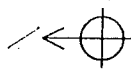
8. Please state:

Population served (head)	26,500
Consumption (l/head/day) default = 180	
Infiltration (m ³ /day)	
Industrial effluent flow (m ³ /day)	
Dry Weather Flow (m ³ /day)	
SOCA (l/sec)	
Predicted spill frequency (per annum)	

N/A
Full
pump
system

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.

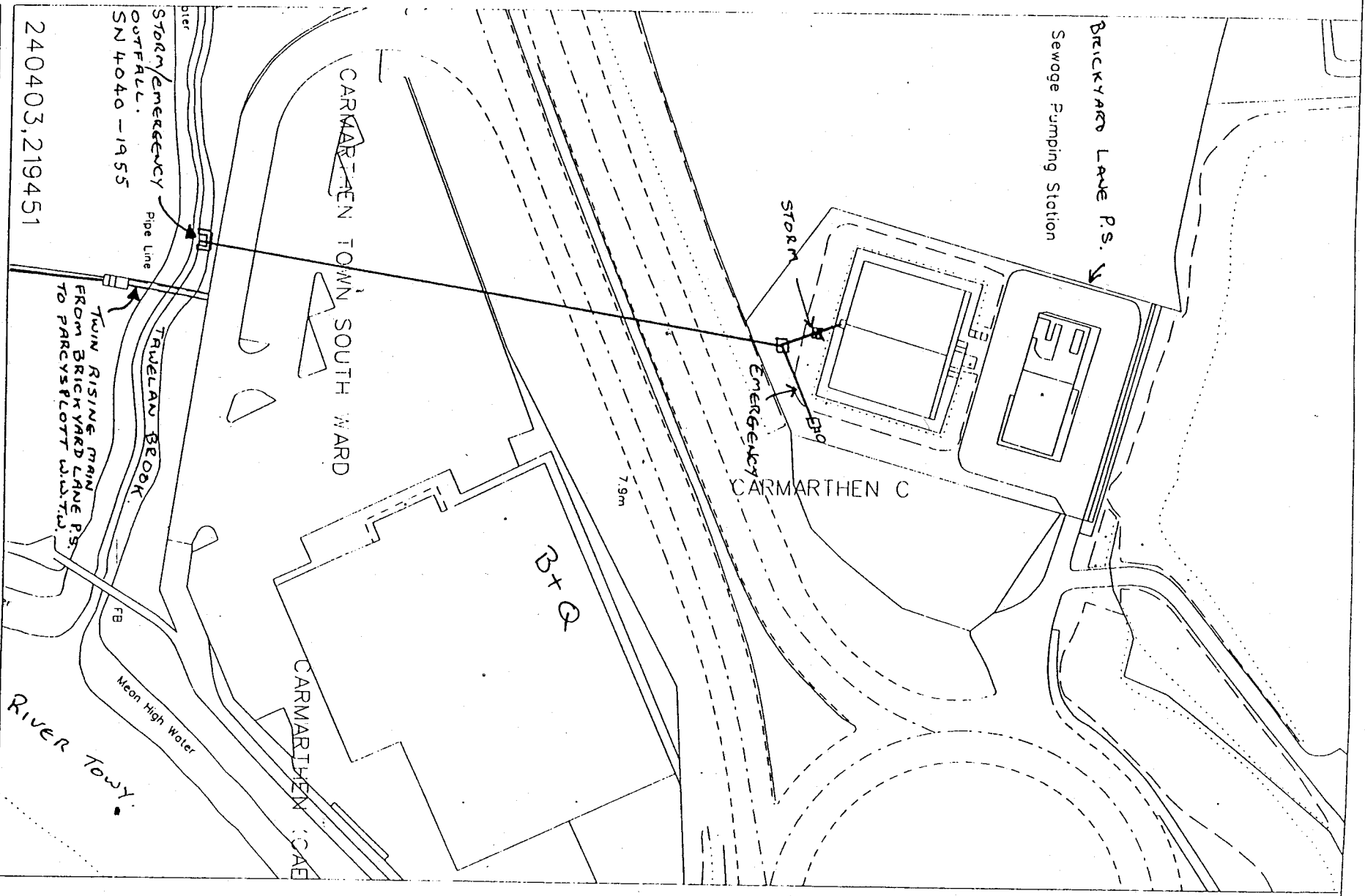
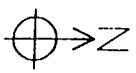


240428.210584

AIS Plot BRICKYARD LANE P.S.
 CARMARTHEN.

Date: 27/09/97
 Scale: 1:500
 Legend:
 -> Sewer / Valve
 -> Pressure Reducing Valve
 -> Valve
 -> Sea Water
 -> TYPICAL
 -> 000 END
 -> AIR VALVE
 -> STOP TAP
 -> EXISTING VALVE
 -> PROPOSED ACCESS ROAD

The Engineer shall be responsible for the design of the proposed system and shall ensure that the system is designed to meet the requirements of the relevant standards and regulations. The Engineer shall also be responsible for ensuring that the system is designed to meet the requirements of the relevant standards and regulations. The Engineer shall also be responsible for ensuring that the system is designed to meet the requirements of the relevant standards and regulations.



AIS Plot

Feb 27 1997

CHECK LOCATIONS OF ALL APPLICABLE
 3210 BE EXTENDED ON SITE

Scale: 1:1000

- Legend:
- Suction Valve
 - Pressure Reducing Valve
 - Meter
 - Bulk Meter
 - Hydrant
 - Cop. End
 - Air Valve
 - Stop-Top
 - Existing Man
 - Proposed Abandoned Man

The Engineer has prepared this plan on the basis of the information provided to him by the client and the results of his own inspection of the site. He does not accept any liability for the accuracy or completeness of the information provided to him or for the results of his inspection. He does not accept any liability for the accuracy or completeness of the information provided to him or for the results of his inspection.

CSC
H'wood

TEL:

20 Aug 97 12:15 No.003 P.01



DŴR CYMRU
WELSH WATER

DIVISIONAL HEADQUARTERS, SOUTH WESTERN DIVISION,
FFYNNON MENTER, PHOENIX WAY, ENTERPRISE PARK, LLANSAMLET, SWANSEA, SA7 9HW.
PENCADLYS ILLANBARTHOL, RHANBARTH Y DE OIRLEWIN,
FFYNNON MENTER, FFORDO PHOENIX, PARC ANTIURIAETH, LLANSAMLET, ABERYATWE, SA7 9HW.

To:
I:

JUNE GRAHAM
ENV. AGENCY

Your Fax No:
Eich ffôn chi:

648652

From:
Oddi wrth:

HILARY FORD

Our Fax No:
Ein ffôn ni:

Date:
Dyddiad:

20.8.97

No. of pages including this one:
Nifer y tudalennau gŵn gyda'r ym: bon:

1

FAX MESSAGE / NEGES FFACS

BRICKYARD LANE SPS. EO,
BROOS3404

Following our conversation this morning
I agree to an extension of the
determination period for the above
discharge consent until the 10th Sept 97

Hilary

If you do not receive all the pages indicated please contact us immediately
Os na ddêrbysu'n iech yr holl dudalennau a nodir crybyleuach a ni ar unrwyth

Tel No/Rhif Ffôn:
(01792) 772200

Registered Office: Plas y Ffynnon, Cambrian Way, Brecon, Powys LD3 7HP. Registered in Wales 2366777
Swyddfa Gofrestredig: Plas y Ffynnon, Ffordd Cambria, Aberystwydd, Powys LD3 7HP. Cofrestrwyd yng Nghymru 2366777



*Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru*

*National Rivers Authority
Welsh Region*

Dwr Cymru cyf
Plas Y Ffynnon
Cambrian Way
Brecon
Powys
LD3 7HP

Our Ref:
2/EQ/BH0053404/NB/JAT

Enquiries:
Norman Bunyan

Date
June 24, 1992

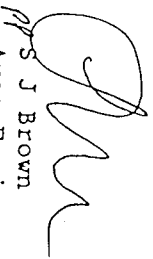
Dear Sirs

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BH0053404 for your attention.

This consent does not constitute approval under the Building Regulations 1985, which should be obtained from the local Council (Authority) prior to commencing any site works.

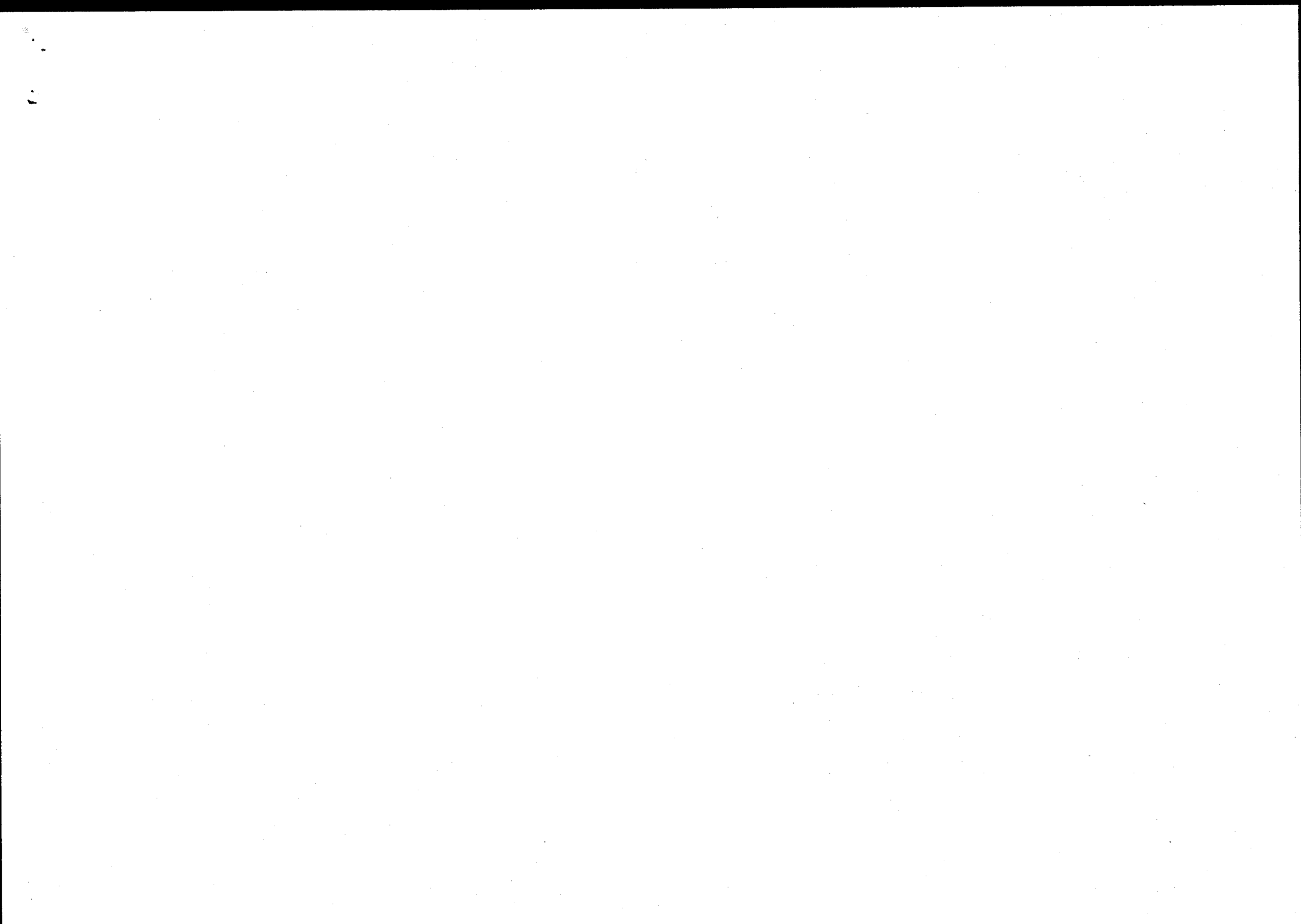
Yours faithfully

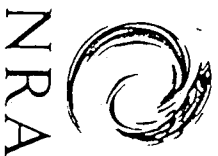

PPS J Brown
Area Environmental Quality Manager

Recorded Delivery No: F789491

Aelod Rhonbarthol o'r Bwrdd
Yr Athro Ron Edwards
Rheolwr Rhonbarth Cyllfredinol
Dr John Stoner
Llys Alon
Howthorn Rise
Hwlfordd
Dyfed SA61 2BQ
Ffôn: Hwlfordd (0437) 760081
Ffocs: (0437) 760881

Regional Board Member
Professor Ron Edwards
Regional General Manager
Dr John Stoner
Llys Alon
Howthorn Rise
Hwerfordwest
Dyfed SA61 2BQ
Tel: Hwerfordwest (0437) 760081
Ffôn: (0437) 760881





Under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers the National Rivers Authority hereby serves this Notice

R E V I E W O F C O N S E N T

On : Dwr Cymru cyf

Page 1 of 2

Of : Plas Y Ffynnon, Cambrian Way, Brecon, Powys, LD3 7HP

In respect of the previous Consent No. BH0053404 Issued on: 2 December 1971

For the discharge of: Settled Storm Sewage

From : Brickyard Lane Pumping Station, Carmarthen, Dyfed

CONDITIONS OF CONSENT

1. The discharge shall consist only of storm sewage.
2. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via: a 530mm diameter pipe in headwall

Discharging to : Tavelan Brook

At OS Grid Ref : SN 405 195

As shown marked: Point 'A' on attached plan number BH0053404/1

3. Adequate facilities shall be provided to enable representative samples of the discharge to be conveniently obtained at any time at the open top sampling chamber, as shown marked 'Point B' on the attached drawing/plan number BH0053404/2.

4. No discharge shall occur unless the flow entering Parc Y Splotts STW as measured at the inlet to Parc Y Splotts STW exceeds 12,630 cubic metres per day.

5. The Authority shall be informed in writing and as soon as reasonably practicable of any information received by Dwr Cymru to the effect that there has been or is likely to be discharged into the sewer upstream of Brickyard Lane pumping station, a significant increase in the quantities of any of the substances listed in the attached annex.

Aelod Rhonborthol o'r Bwrdd

Yr Aelod Ron Edwards

Rheolwr Rhonborth Cylledinol

Dr John Stoner

llys Alon

Howthorn Rise

Hwlfordd

Dyfed SA61 28Q

Ffôn Hwlfordd (0437) 760081

Ffacs (0437) 760881

Continued on next page

Professor Ron Edwards

Regional General Manager

Dr John Stoner

llys Alon

Howthorn Rise

Howfordwest

Dyfed SA61 28Q

Tel: Howfordwest (0437) 760081

Fax: (0437) 760881

WATER RESOURCES ACT 1991

Under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers the National Rivers Authority hereby gives this

R E V I E W O F C O N S E N T

C O N T I N U E D

Page 2 of 2

6. Storm flows shall be settled with a minimum of 2 hours retention at the highest flows prior to discharge.

This Notice is served on: 24th June 1992 on behalf of the Authority
by: [Signature] Area Environmental Quality Manager

During the period ending with the: 23rd June 1994 the terms of this
Notice will not be altered without the written agreement of the person
making this discharge

ANNEX

<u>SUBSTANCE</u>	
Mercury	Fenthion
Cadmium	Parathion
8-Hexachlorocyclohexane	Parathion-methyl
DDT	Tetrachloroethylene
Pentachlorophenol	Trichloroethane
Hexachlorobenzene	Dioxins
Hexachlorobutadiene	Isodrin
Aldrin	
Dieldrin	
Endrin	
Polychlorinated Biphenyls	
Dichlorvos	
1,2 Dichloroethane	
Trichlorobenzene	
Atrazine	
Simazine	
Tributyltin compounds	
Triphenyltin compounds	
Trifluralin	
Fenitrothion	
Azinphos-methyl	
Malathion	
Endosulphan	
Carbon tetrachloride	
Chloroform	
Trichloroethylene	
Perchloroethylene	
Lead	
Chromium	
Zinc	
Copper	
Nickel	
Arsenic	
Iron	
pH	
Boron	
Vanadium	
PCSDs	
Cyfluthrin	
Sulcofuron	
Flucofuron	
Permethrin	
Cyanide	
Azinphos-ethyl	

South West Wales River Authority

E. A. GRIFFITHS
SOLICITOR

CLERK OF THE AUTHORITY

TELEPHONE NO. 4291/2

OUR REF. **OS: 1461**

YOUR REF.

*Conryfae House,
Conryfae Lane,
Shanelli,
Carmarthen.*

6th February, 1972.

Dear Sir,

Rivers (Prevention of Pollution) Acts, 1951-1961
Effluent from Storm Tanks adjacent Brickyard
Lane Pumping Station.

I refer to official consent dated **2nd December, 1971** and would inform you that the Authority approve of the following amendment(s):-

4. Discharge

(b) Volume or rate of discharge - flows in excess of 4,520,000 g.p.d.
(3.35 d.w.f. + infiltration) = 20,545 m³/day.

The Authority's consent dated **2nd December, 1971** is therefore amended accordingly.

Yours faithfully,

RECORDED DELIVERY No. K 992646

Clerk of the Authority.

The Town Clerk,
Carmarthen Borough Council,
Municipal Buildings,
John Street,
Carmarthen.

Consent to discharge of effluent

The South West Wales River Authority pursuant to the provisions of the above mentioned Acts, hereby consent to the construction of an outlet and to the discharge of effluent therefrom upon the following conditions:-

1. NAME AND ADDRESS OF PERSON
to whom consent is given

2. PREMISES to which consent relates

**The Clerk, Carmarthen Borough Council,
Municipal Buildings, John St., Carmarthen
Effluent from storm tanks adj. Brickyard
Lane Pumping Station.**

3. OUTLET

- (a) Location - situated on right/left bank of ~~river~~ Tawelon Brook
~~a tributary of the river~~ About 100 yds. from confluence with the
Map reference ~~O.S. 21~~ 41, Grid reference 405 195. River Towy
(b) Construction - 18" diameter Pipe
(c) Use - restricted to Sewage/Storm Sewage/~~Trade~~ Effluent
produced at the above mentioned premises.

4. DISCHARGE

(a) Nature **Settled storm sewage.**

- (b) Volume or rate of discharge **flows in excess of 4,520,000 g.p.d.**
Maximum rate of discharge **(3 d.w.f. + infiltration) = 205,450 m³/day**
(c) Temperature not to exceed **21 °C.**
(d) Composition:-

- (i) pH value not less than **6.0** or more than **8.5**
(ii) Suspended solids not more than **100** p.p.m.
(iii) Dissolved solids not more than **100** p.p.m.
(iv) 5 day B.C.D. at 20°C. not more than **100** p.p.m.
(v) Oxygen absorbed from acid permanganate in
3 mins at 27°C. not more than **4** p.p.m.
(vi) Ammoniacal nitrogen (as N) not more than **10** p.p.m.
(vii) Effluent shall pass the methylene blue stability test
(5 days at 20°C).
(viii) Effluent shall not contain any other polluting substance
or substances in concentrations toxic to fish and other
animals.

(e) Sampling point to be located at **the outlet from the storm tank.**

5. PERIOD OF CONSENT

The terms of this consent will not without the consent in writing of the person to whom this consent is given be altered before the expiration of the period ending with the day of **December** 19 **71**.

Dated this **2nd** day of **December** 19 **71**.

Clerk of the Authority.

Penyfai House,
Penyfai Lane,
LLANFELLI,
Carns.

RECORDED DELIVERY NO. **K 992618**