

# NATIONAL RIVERS AUTHORITY

## WATER ACT 1989

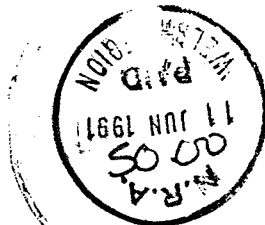
Application for consent to discharge  
Schedule 12



**NRA**

To:

The Consents Officer  
National Rivers Authority  
Welsh Region  
Plas-yr-Afon/Rivers House  
St. Mellons Business Park  
Cardiff  
CF3 0LT



Official Use Only  
Dist/Area Ref. *South West*

Application No. *BP 0211601*

Date Received:

*12-6-91.*

PLEASE REFER TO THE ATTACHED NOTES WHEN COMPLETING THE APPLICATION

*I/We hereby apply for consent under the provisions of the Water Act 1989 to make a discharge of effluent as described in this application and on the attached plan(s). I/We will bear the costs of any advertisement (see note 1).*

*I/We enclose a cheque for £50.00 to cover the cost of this application (see note 2).*

Signed ..... Date .....

Authorised on behalf of *Llangaddock Estates Ltd.*

Have you made, or do you intend to make, an application to the Secretary of State for exemption from publicity? (See note 3.) *YES/NO\**

Has this application been made in response to the service of a relevant prohibition? *YES/NO\**

If yes please give reference number:

<p>1a Full name and postal address of applicant. (See note 4.)</p> <p>Post Code:</p> <p>Daytime telephone number:</p>	<p>LLANGADDOCK ESTATES, ST. MARY'S GOLF CLUB, PENCOED, MID GLAM CF35 5EA. (0656)~860280</p>
<p>1b Agent (if any) Full name and postal address</p> <p>Contact name and daytime telephone number.</p>	<p>Note: if this box is completed, all correspondence will be sent to this address.</p>

NOTE: The application should be accompanied by 3 copies of an adequate plan and details of any environmental impact assessment. Failure to do so may result in a delay in processing the application. (See note 5.)

DRGS: - 3 oca CH1063/1 3 oca CH1063/7 1 oca CH1063/4A  
HEADLINE 1063/5 *\*Delete as necessary*



2a) Address or other sufficient description of land or premises to which this application relates.	Petrol Filling Station/Diner by Junction 35, M4 Motorway.											
2b) National Grid Reference of point of discharge.	55	9630										
2c) District Council area.	Ogwr District											
3 State the nature of the discharge. Tick one or more boxes as appropriate. (See note 6.)	Sewage effluent <input type="checkbox"/> Storm/emergency sewage effluent <input checked="" type="checkbox"/> Trade effluent <input type="checkbox"/> Any other matter <input type="checkbox"/>											
4 For sewage and trade effluent, and storm/emergency discharges, state:- a) Maximum quantity it is proposed to discharge in one day. (See note 7.) b) Highest rate at which it is proposed to operate the discharge. c) Periods during which the discharge will take place.	Emergency overflow only 2.645 $m^3/day$ 0.05 $l/sec$ Rainfall											
5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified.)	4940 $m^2$											
6 Receiving medium Tick the category to which the proposed discharge(s) are to be made. <table border="0"> <tr> <td>A. TIDAL RIVER OR STREAM <input type="checkbox"/></td> <td>E. INTO LAND <input type="checkbox"/></td> </tr> <tr> <td>B. NON-TIDAL RIVER OR STREAM <input checked="" type="checkbox"/></td> <td>F. ONTO LAND <input type="checkbox"/></td> </tr> <tr> <td>C. CANAL <input type="checkbox"/></td> <td>G. DIRECTLY INTO GROUNDWATER <input type="checkbox"/></td> </tr> <tr> <td>D. LAKE, LOCH OR POND <input type="checkbox"/> (not discharging to a river or stream)</td> <td>H. INTO LAND AND WATERCOURSE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>I. COASTAL WATER (See Note 8.) <input type="checkbox"/></td> </tr> </table> If A-D or H, state name of watercourse, if known:- Ewenni Fach			A. TIDAL RIVER OR STREAM <input type="checkbox"/>	E. INTO LAND <input type="checkbox"/>	B. NON-TIDAL RIVER OR STREAM <input checked="" type="checkbox"/>	F. ONTO LAND <input type="checkbox"/>	C. CANAL <input type="checkbox"/>	G. DIRECTLY INTO GROUNDWATER <input type="checkbox"/>	D. LAKE, LOCH OR POND <input type="checkbox"/> (not discharging to a river or stream)	H. INTO LAND AND WATERCOURSE <input type="checkbox"/>		I. COASTAL WATER (See Note 8.) <input type="checkbox"/>
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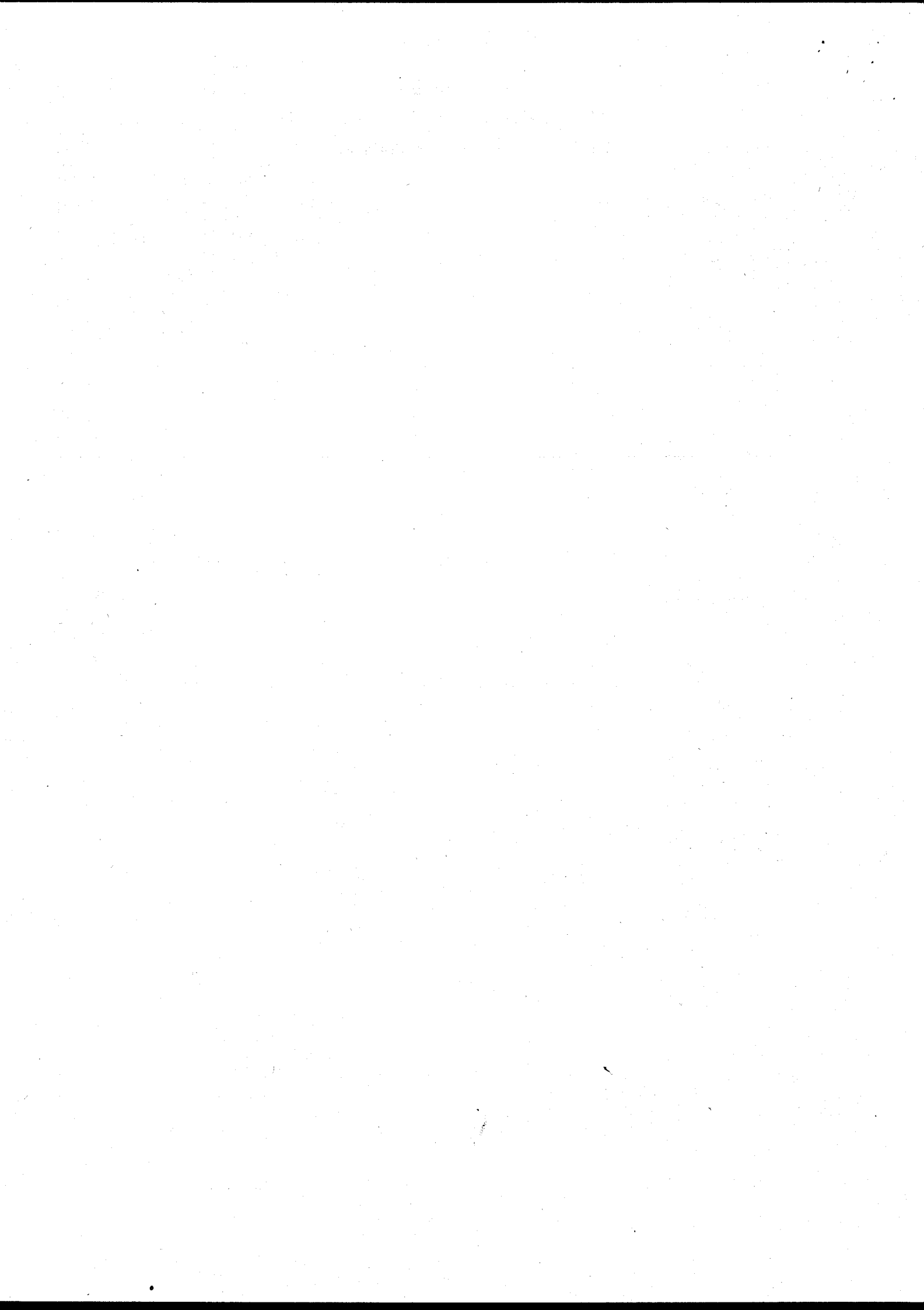
# 19 FOR STORM AND EMERGENCY DISCHARGES AND SURFACE WATER SEWERS

State the type of discharge. Tick one or more boxes as appropriate.

Storm tanks	<input type="checkbox"/>	Answer all except 23 & 26
Storm overflow from sewer	<input type="checkbox"/>	Answer all except 23 & 26
Storm overflow from pumping station	<input type="checkbox"/>	Answer all sections below
Emergency overflow from sewer	<input checked="" type="checkbox"/>	Answer 20a, 21, 25, 27, 28
Emergency overflow from pumping station	<input type="checkbox"/>	Answer all except 20b, 22
Surface Water	<input type="checkbox"/>	Answer 20a
Other	<input type="checkbox"/>	Answer as appropriate

If other, please give further details:-

20		
a) State dry weather flow to pumping station/ <del>xxxxxx</del>	: 2.645	m <sup>3</sup> /day
b) State flow at which storm discharge will commence	: Breakdown only	l/sec
21 Expected frequency of operation	: Breakdown only	per annum
22 State volume of storm tank(s).	:	m <sup>3</sup>
23 State volume of wet well	:	m <sup>3</sup>
24 What provisions have been made to raise alarms? (eg telemetry)		
25 What facilities have been provided to prevent the discharge of gross solids? (For screens, give bar spacing or aperture.)	6mm screen in upstream manhole.	
26 What provisions have been included to deal with		
a) power failure?		
b) mechanical breakdown?		
c) rising main failure?		
27 What facilities have been provided for flow measurements?	None	
28 Are there any other factors to be taken into account?	No alternative discharge point because site is low lying.	



FOR TRADE EFFLUENT AND SEWAGE DISCHARGES  
CONTAINING TRADE EFFLUENT

18 a) Describe the trade effluent and the process(es) from which it arises. (See note 12.)

N/A

b) Maximum temperature of the effluent as discharged Ambient.....°C

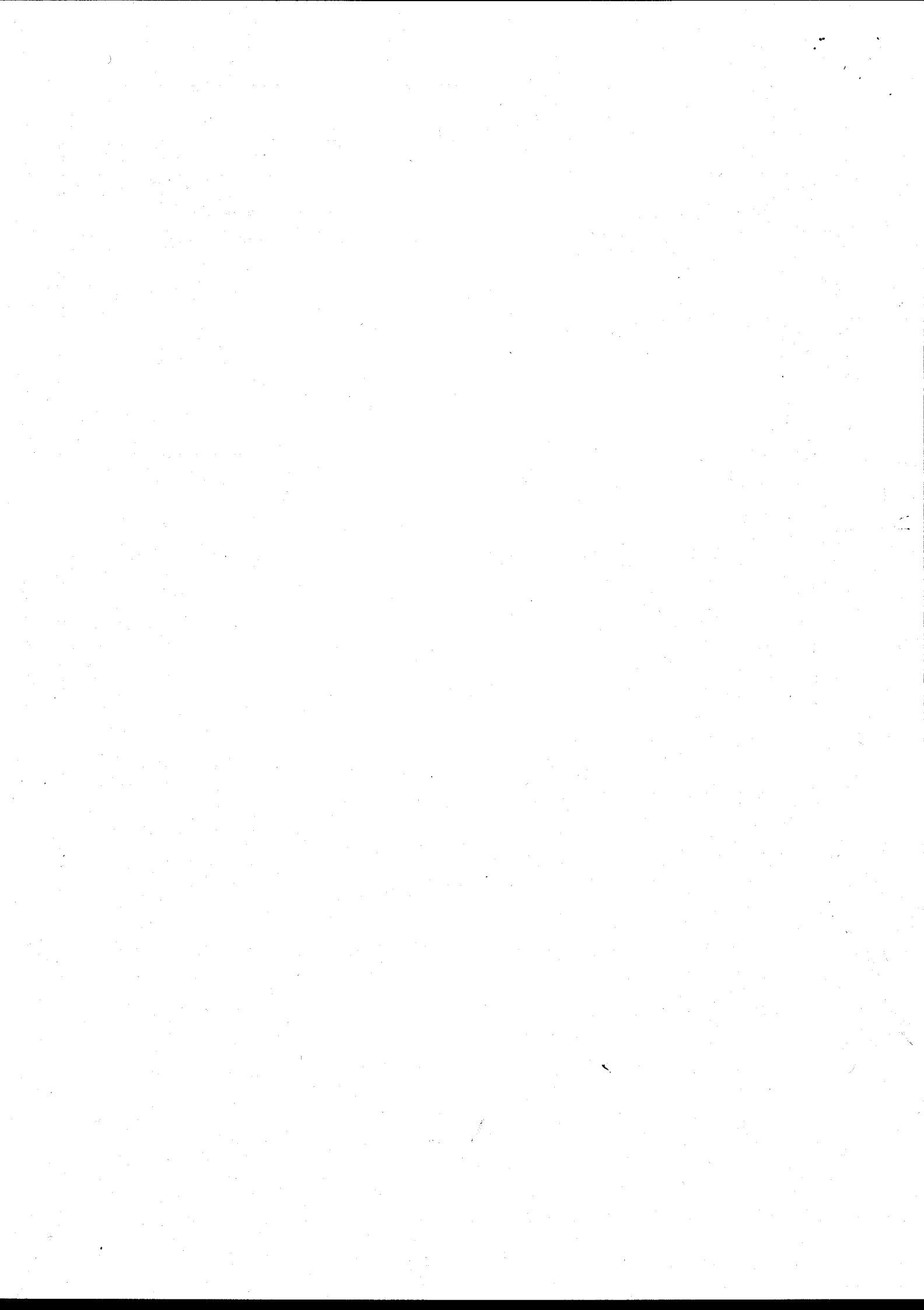
c) Does the effluent contain any of the following? \*YES/NO

If yes, underline those present and give full details (including maximum, minimum and mean values) separately.

- |                                                             |                                        |
|-------------------------------------------------------------|----------------------------------------|
| 1. Mercury and its compounds                                | 24. Lead                               |
| 2. Cadmium and its compound                                 | 25. Chromium                           |
| 3. Hexachlorocyclohexane<br>(lindane and related compounds) | 26. Zinc                               |
| 4. Carbon tetrachloride                                     | 27. Copper                             |
| 5. DDT                                                      | 28. Nickel                             |
| 6. Pentachlorophenol (PCP)                                  | 29. Arsenic                            |
| 7. Aldrin, dieldrin, endrin and isodrin                     | 30. Boron                              |
| 8. Hexachlorobenzene (HCB)                                  | 31. Iron                               |
| 9. Hexachlorobutadiene (HCBD)                               | 32. Vanadium                           |
| 10. Chloroform                                              | 33. PCSD's                             |
| 11. Polychlorinated biphenyls                               | 34. Cyfluthrin                         |
| 12. Dichlorvos                                              | 35. Sulcofuron                         |
| 13. 1, 2-Dichloroethane                                     | 36. Flucifuron                         |
| 14. Trichlorobenzene                                        | 37. Permethrin                         |
| 15. Atrazine                                                | 38. pH if outside the range 5.5 to 9.0 |
| 16. Simazine                                                | 39. Cyanide                            |
| 17. Tributyltin compounds                                   | 40. Azinphos-ethyl                     |
| 18. Triphenyltin compounds                                  | 41. Fenthion                           |
| 19. Trifluralin                                             | 42. Parathion                          |
| 20. Fenitrothion                                            | 43. Parathion-methyl                   |
| 21. Azinphos-methyl                                         | 44. Trichloroethylene                  |
| 22. Malathion                                               | 45. Tetrachloroethylene                |
| 23. Endosulfan                                              | 46. Trichloroethane                    |
|                                                             | 47. Dioxins                            |

d) Give full details of any other significant chemical components contained in the effluent:-

Petrol traces during foul pumping station breakdown only.





- 7 The Authority will normally require adequate provision for the taking of samples of the discharge. Please indicate the means proposed. (See note 9.)

At the outlet ☐ / At a manhole or ☒ sampling chamber See plan ☒ Other ☐

If other, please give further details:-

- 8 Indicate proposed means of discharge:-

1. Pipe	<input checked="" type="checkbox"/>	2. Channel	<input type="checkbox"/>	3. Borehole	<input type="checkbox"/>
4. Soakaway	<input type="checkbox"/>	5. Well	<input type="checkbox"/>	6. Sub-irrigation system	<input type="checkbox"/>
7. Culvert	<input type="checkbox"/>	8. Soakaway & sub-irrigation system	<input type="checkbox"/>	9. Other	<input type="checkbox"/>

If 9 please give further details:-

- 9 Give details as appropriate

a) For pipes, channels, wells and boreholes, state diameter in millimetres or dimension(s) in metres.

a) 300mm

b) For sub-irrigation systems, soakaway pits, wells and boreholes, state depth in metres and geological stratum, if known.

b) N/A

c) For boreholes, state details of lining:

c) N/A

Type of lining

Depth of lining

: metres

Depth of perforated lining

: N/A metres

Depth of unperforated lining

: metres

- 10 Is there a foul sewer available to which the discharge could be made?

YES/NO\*

If yes give reason for not connecting.

:

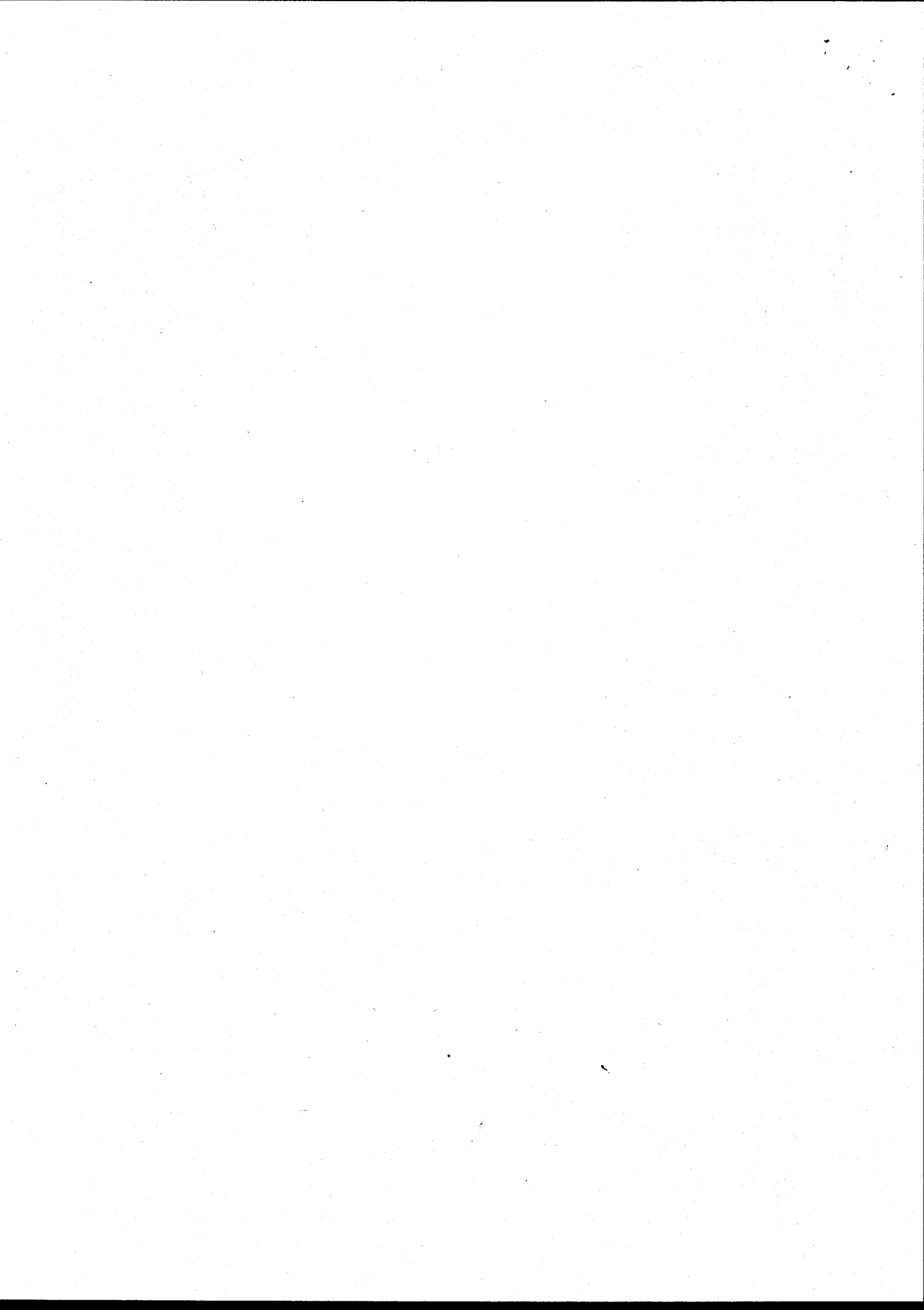
- 11 Give brief details of:

a) Source of water supply (eg mains, well, borehole, etc.)

a) Borehole/Mains

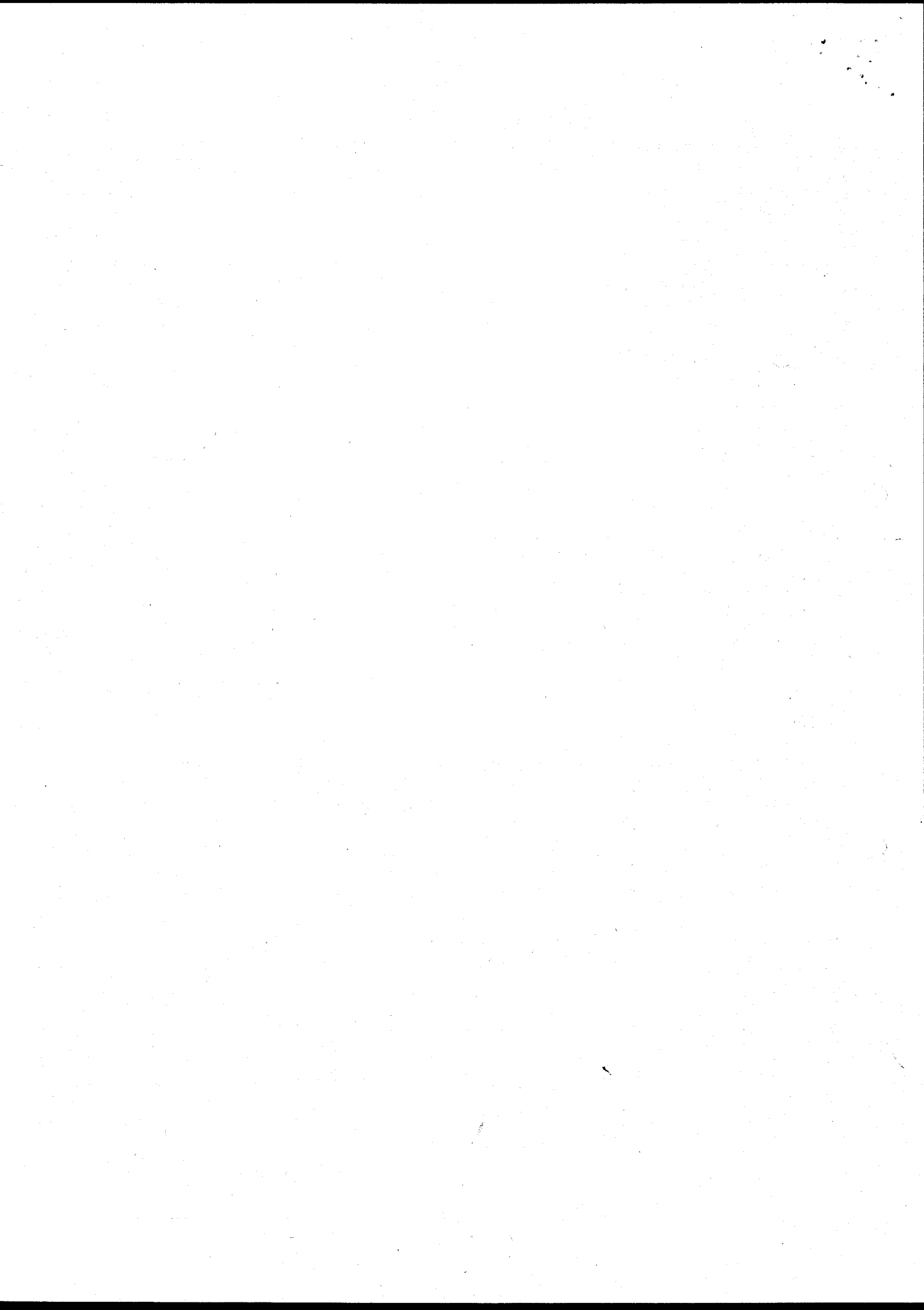
b) General purpose for which water is used (eg domestic, cooling, etc.)

b) Domestic



12 Is consent required for a limited period? If yes give relevant dates	YES/NO* :																				
13 Does this proposal replace an existing discharge? If yes give details	YES/NO* :																				
14 Are there any existing consents for discharge from the premises? (see note 10) If yes, give details, numbers, if known.	YES/NO* :																				
15 Please give details of the premises – tick as appropriate:– <table border="0"> <tr> <td>1. Single dwelling</td> <td><input type="checkbox"/></td> <td>2. Multiple dwellings</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. Licenced premises</td> <td><input type="checkbox"/></td> <td>4. Vehicle parking area</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5. Industrial premises</td> <td><input type="checkbox"/></td> <td>6. Fish farm</td> <td><input type="checkbox"/></td> </tr> <tr> <td>7. Mineral workings</td> <td><input type="checkbox"/></td> <td>8. WSPLC STW</td> <td><input type="checkbox"/></td> </tr> <tr> <td>9. Water supply</td> <td><input type="checkbox"/></td> <td>10. Other</td> <td><input type="checkbox"/></td> </tr> </table> <p>If other, please give further details.</p> <p>Petrol Filling Station "Diner" (Little Chef type)</p>		1. Single dwelling	<input type="checkbox"/>	2. Multiple dwellings	<input type="checkbox"/>	3. Licenced premises	<input type="checkbox"/>	4. Vehicle parking area	<input type="checkbox"/>	5. Industrial premises	<input type="checkbox"/>	6. Fish farm	<input type="checkbox"/>	7. Mineral workings	<input type="checkbox"/>	8. WSPLC STW	<input type="checkbox"/>	9. Water supply	<input type="checkbox"/>	10. Other	<input type="checkbox"/>
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9. Water supply	<input type="checkbox"/>	10. Other	<input type="checkbox"/>																		
16 IN THE CASE OF SUB-IRRIGATION SYSTEMS AND SOAKAWAYS																					
a) Is any part of the system within 10 metres of the site boundary?	YES/NO*																				
b) Is any part of the systems within 10 metres of a watercourse?	YES/NO*																				
c) Is the land in which the disposal system is to be constructed, to be under-drained with land drains discharging to a watercourse?	YES/NO* N/A																				
d) If the answer to either (b) or (c) is "YES" please state the name of the watercourse or sufficient information to identify it.	:																				
e) Has a percolation test been carried out? If yes, please attach results.	YES/NO*																				
17 FOR SEWAGE TREATMENT PLANTS																					
a) State the population served/population equivalent/estimated population*	*All year *Summer N/A *Winter																				
b) Give details of the treatment plant to be used (see note 11)																					

\*Delete as necessary



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



**ENVIRONMENT  
AGENCY**

**Part A**

**To:** LLANGADDOCK ESTATES  
MANAGING DIRECTOR  
ST MARY'S GOLF CLUB

PENCOED CF35 5EA

PLEASE ASK TO SEE  
PLANS

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BP0211601

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/EMERGENCY  
at  
PETROL STATION JUNCTION 35 M4 MOTORWAY PENCOED

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:** .....

(to be completed when signing)





Awdurdod Afonydd Cenedlaethol  
Rhanbarth Cymru

National Rivers Authority  
Welsh Region

WATER ACT 1991

Consent No. BP0211601

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

C O N S E N T

Page 1 of 2

To: Llangaddock Estates Ltd.

Of: St Mary's Golf Club, Pencoed, Mid Glamorgan, CF35 5EA.

For: A discharge of Sewage Effluent in an Emergency

To: The River Ewenny Fach

From: Sewage Pumping Station at Petrol Station and Diner, Junction 35, M4 Motorway, Pencoed, Mid Glamorgan.

CONDITIONS OF CONSENT

1. The discharge shall consist only of sewage discharged in an emergency to avoid danger to life or health. An electrical or mechanical breakdown of such severity as to render the pumping station completely inoperable, total failure of the external power supply or total blockage of the rising main shall be considered an emergency. An emergency shall not include station shut-down to facilitate maintenance or refurbishment.

2. The discharge shall only take place when it is not reasonably practicable to dispose of the sewage by other means.

3. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via : 150mm diameter pipe

Discharging to : River Ewenny

At OS Grid Ref : SS 9220 7820

As shown marked : "Point B" on attached drawing/plan number BP0211601

4. Equipment shall be provided to remove all unacceptable solid matter from the effluent prior to discharge, as approved in writing by the Authority.

continued.....

Codeirrydd Rhanbarthol  
Yr Athro Ron Edwards  
Rheolwr Rhanbarth Cyffredinol  
Dr John Stoner  
Glan Tawe, 154-156 Ffordd Sant Helen  
Aberlawe  
Gorllewin Morgannwg, SA1 4DF  
Ffôn: Aberlawe (0792) 645300

Regional Chairman  
Professor Ron Edwards  
Regional General Manager  
Dr John Stoner  
Glan Tawe, 154-156 St. Helens Road  
Swansea  
West Glamorgan, SA1 4DF  
Tel: Swansea (0792) 645300







Awdurdod Afonydd Cenedlaethol  
Rhanbarth Cymru

National Rivers Authority  
Welsh Region

WATER ACT 1991  
Continuation Sheet

Consent No. BP0211601

Page 2 of 2

5. In the event of an emergency, a minimum of 6 hours storage capacity shall be available before discharge commences, based on the design dry weather sewage flow.
6. Standby equipment shall be provided to enable the immediate resumption of full pumping capacity in the event of a duty equipment failure.
7. The pumping station shall have the capability of automatic restart on restoration of the power supply following power supply failure.
8. A plug-in facility shall be provided for emergency power supply to the station in the event of external power supply failure.
9. The pumping station shall be equipped with an automatic remote alarm system to alert the discharger immediately of any significant station failure.
10. The Authority shall be notified of any discharge as soon as reasonably practicable and in any case within 24 hours.
11. All reasonable practicable steps shall be taken to minimise the duration of the discharge and its polluting effects.

This consent is given on: 13<sup>th</sup> July 1992 on behalf of the Authority  
by: [Signature] Area Environmental Quality Manager

During the period ending with the 12<sup>th</sup> July 1994 the terms of this Consent will not be altered without the written agreement of the person making this discharge

Aelod Rhannwrfael  
Yr Athro Ron Edwards

Rheolwr Rhanbarth Cyffredinol  
Dr John Stoner

Llys Afon  
Hawthorn Rise  
Hwlfordd  
Dyfed SA61 2BQ  
Ffôn: Hwlfordd (0437) 760081  
Ffacs: (0437) 760881

Regional Board Member  
Professor Ron Edwards

Regional General Manager  
Dr John Stoner

Llys Afon  
Hawthorn Rise  
Haverfordwest  
Dyfed SA61 2BQ  
Tel: Haverfordwest (0437) 760081  
Fax: (0437) 760881





Joy.

*Awdurdod Afonydd Cenedlaethol  
Rhanbarth Cymru*

*National Rivers Authority  
Welsh Region*

Llangaddock Estates Ltd  
St Mary's Golf Club  
Pencoed  
Mid Glamorgan  
CF35 5EA

Our Ref:  
2/EQ/BPO211601/CB/JAT

Enquiries: Chris Bolton  
Tel: 0792 645300

Date  
July 14, 1992

Dear Sirs

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BPO211601 for your attention.

Yours faithfully

S J Brown  
Area Environmental Quality Manager

Recorded Delivery No: F789495

Aelod Rhanbarthol o'r Bwrdd  
Yr Athro Ron Edwards

Rheolwr Rhanbarth Cyffredinol  
Dr John Stoner

Llys Afon  
Hawthorn Rise  
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