

FORMAL

CILGERRAN STW CSO
OUTFALL RELOCATION

NATIONAL RIVERS AUTHORITY WATER ACT 1989



Application for consent to discharge
Schedule 12

E & Q SERVICES
CONSENTS OFFICER
NRA WELSH REGION
RIVERS HOUSE
ST. MELLONS BUSINESS PARK
ST. MELLONS
CARDIFF
S. GLAMORGAN CF3 0LT

Official Use Only Dist/Area Ref. <u>South West</u>
Application No. <u>BPO217802</u>
Date Received: <u>13-10-91.</u>

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 £ _____ to cover the cost of this application (see note 2).

Signed Date

Authorised on behalf of

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*

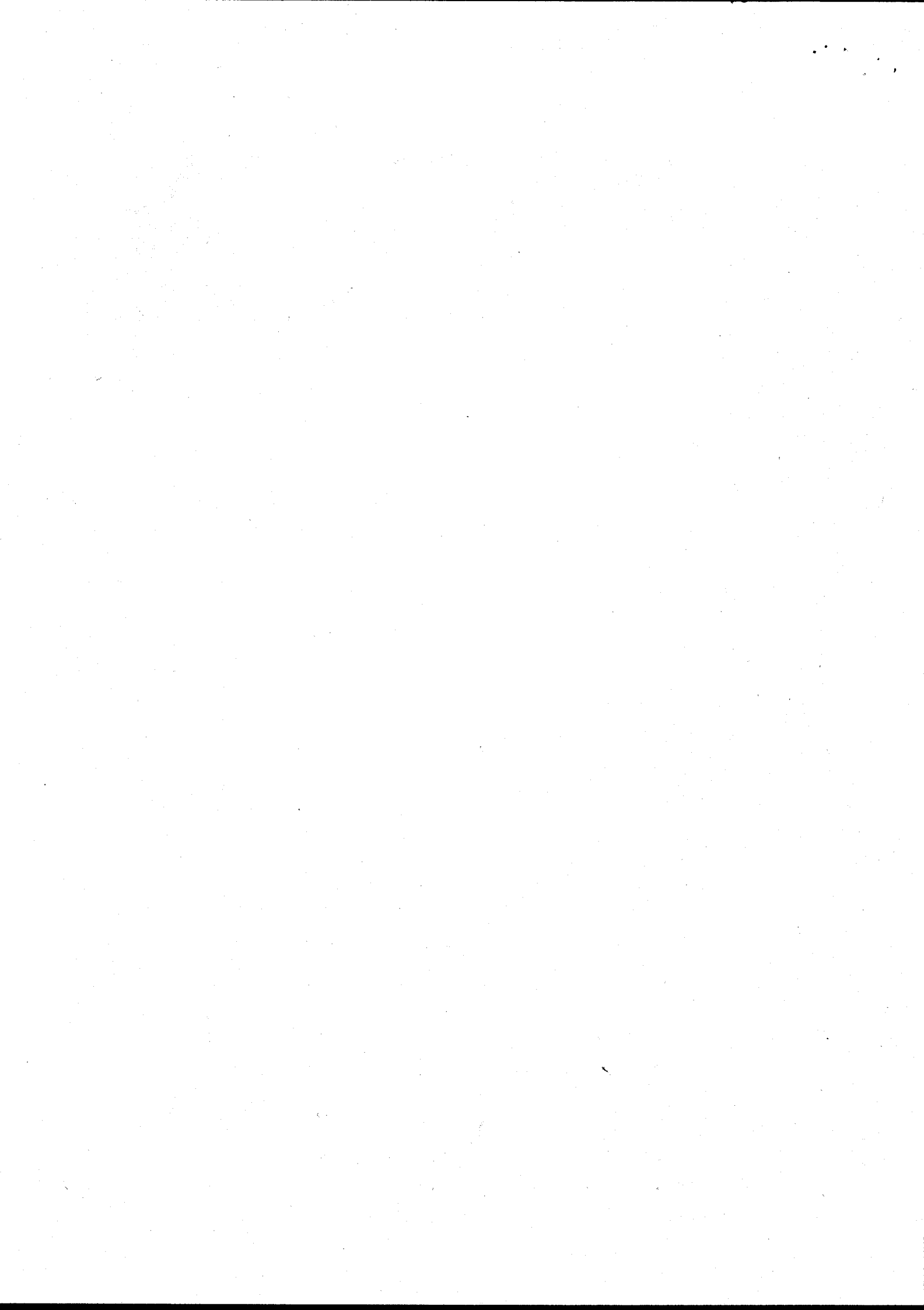
Has this application been made in response to the service of a relevant prohibition? YES/NO*

If yes please give reference number:

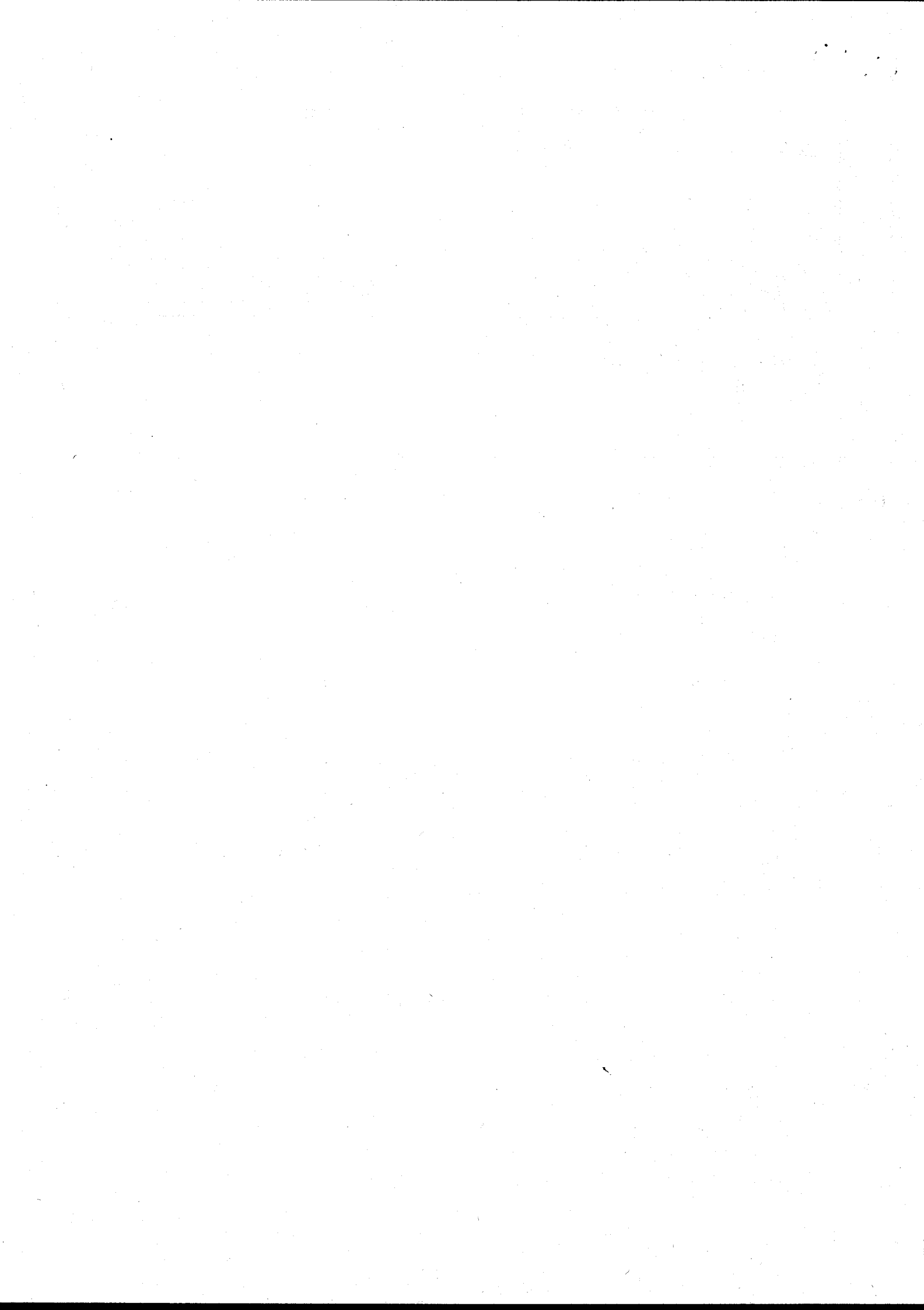
1a Full name and postal address of applicant. (See note 4.) Post Code: Daytime telephone number:	DWR CYMRU WELSH WATER PLAS Y FFYNNON CAMBRIAN WAY BRECON POWYS LD3 7HP 0874 623181 (SELWYN LEWIS)
1b Agent (if any) Full name and postal address Contact name and daytime telephone number	Note: if this box is completed, all correspondence will be sent to this address.

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.)

*Delete as necessary



<p>2a) Address or other sufficient description of land or premises to which this application relates.</p>	<p>CILGERRAN STW CILGERRAN DYFED</p>																				
<p>2b) National Grid Reference of point of discharge.</p>	<p><input type="text" value="S,N"/> <input type="text" value="1,9,4,8"/> <input type="text" value="4,3,2,4"/></p>																				
<p>2c) District Council area.</p>	<p>PRESELI</p>																				
<p>3 State the nature of the discharge. Tick one or more boxes as appropriate. (See note 6.)</p>	<p>Sewage effluent <input type="checkbox"/> Storm/emergency sewage effluent <input checked="" type="checkbox"/> Trade effluent <input type="checkbox"/> Any other matter (inc. surface water). <input type="checkbox"/></p>																				
<p>4 For sewage and trade effluent, and storm/emergency discharges, state:-</p> <p>a) Maximum quantity it is proposed to discharge in one day. (See note 7.)</p> <p>b) Highest rate at which it is proposed to operate the discharge.</p> <p>c) Periods during which the discharge will take place.</p>	<p>1088 [RETAINED FLOW - FLOW TO FULL TREATMENT] m³/day</p> <p>l/sec</p> <p>PROLONGED RAINFALL</p>																				
<p>5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified.)</p>	<p>m²</p>																				
<p>6 Receiving medium</p> <p>Tick the category to which the proposed discharge(s) are to be made.</p> <table border="0"> <tr> <td>TIDAL RIVER OR STREAM</td> <td><input type="checkbox"/></td> <td>ONTO LAND</td> <td><input type="checkbox"/></td> </tr> <tr> <td>NON-TIDAL RIVER OR STREAM</td> <td><input checked="" type="checkbox"/></td> <td>DIRECTLY INTO GROUNDWATER</td> <td><input type="checkbox"/></td> </tr> <tr> <td>CANAL</td> <td><input type="checkbox"/></td> <td>INTO LAND AND WATERCOURSE</td> <td><input type="checkbox"/></td> </tr> <tr> <td>LAKE, LOCH OR POND</td> <td><input type="checkbox"/></td> <td>COASTAL WATER (see Note 8.)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>INTO LAND (not discharging to a river or stream)</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> </table> <p>State name of watercourse, if known:- TEIFI</p>		TIDAL RIVER OR STREAM	<input type="checkbox"/>	ONTO LAND	<input type="checkbox"/>	NON-TIDAL RIVER OR STREAM	<input checked="" type="checkbox"/>	DIRECTLY INTO GROUNDWATER	<input type="checkbox"/>	CANAL	<input type="checkbox"/>	INTO LAND AND WATERCOURSE	<input type="checkbox"/>	LAKE, LOCH OR POND	<input type="checkbox"/>	COASTAL WATER (see Note 8.)	<input type="checkbox"/>	INTO LAND (not discharging to a river or stream)	<input type="checkbox"/>		
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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 See plan Other
sampling chamber

If other, please give further details:- COLLECTION CHAMBER ON HUMUS TANK

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) 200 ϕ mm

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

b)

c) For boreholes, state details of lining:

c)

Type of lining

Depth of lining

: metres

Depth of perforated lining

: 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.

:

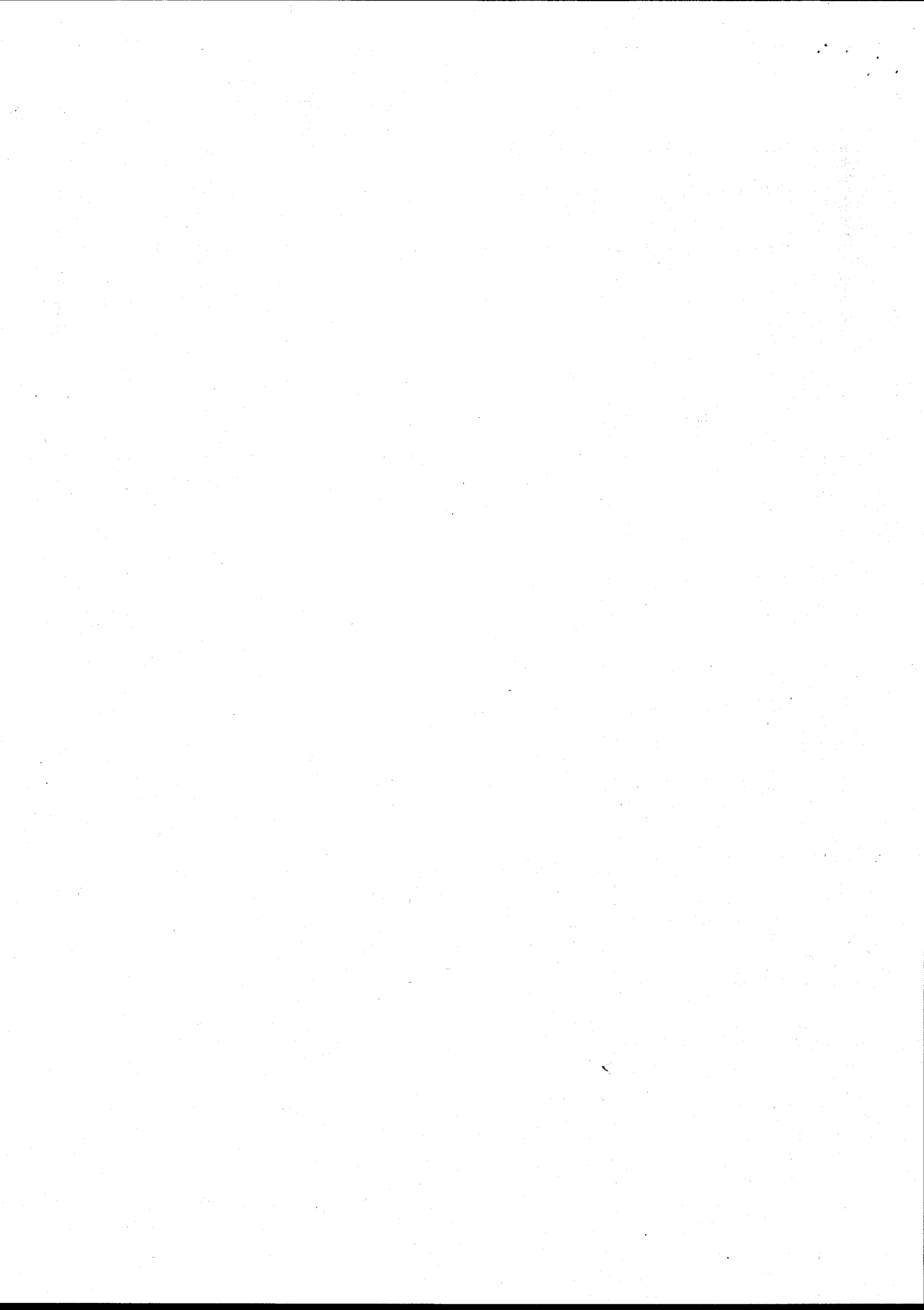
11 Give brief details of:

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

a)

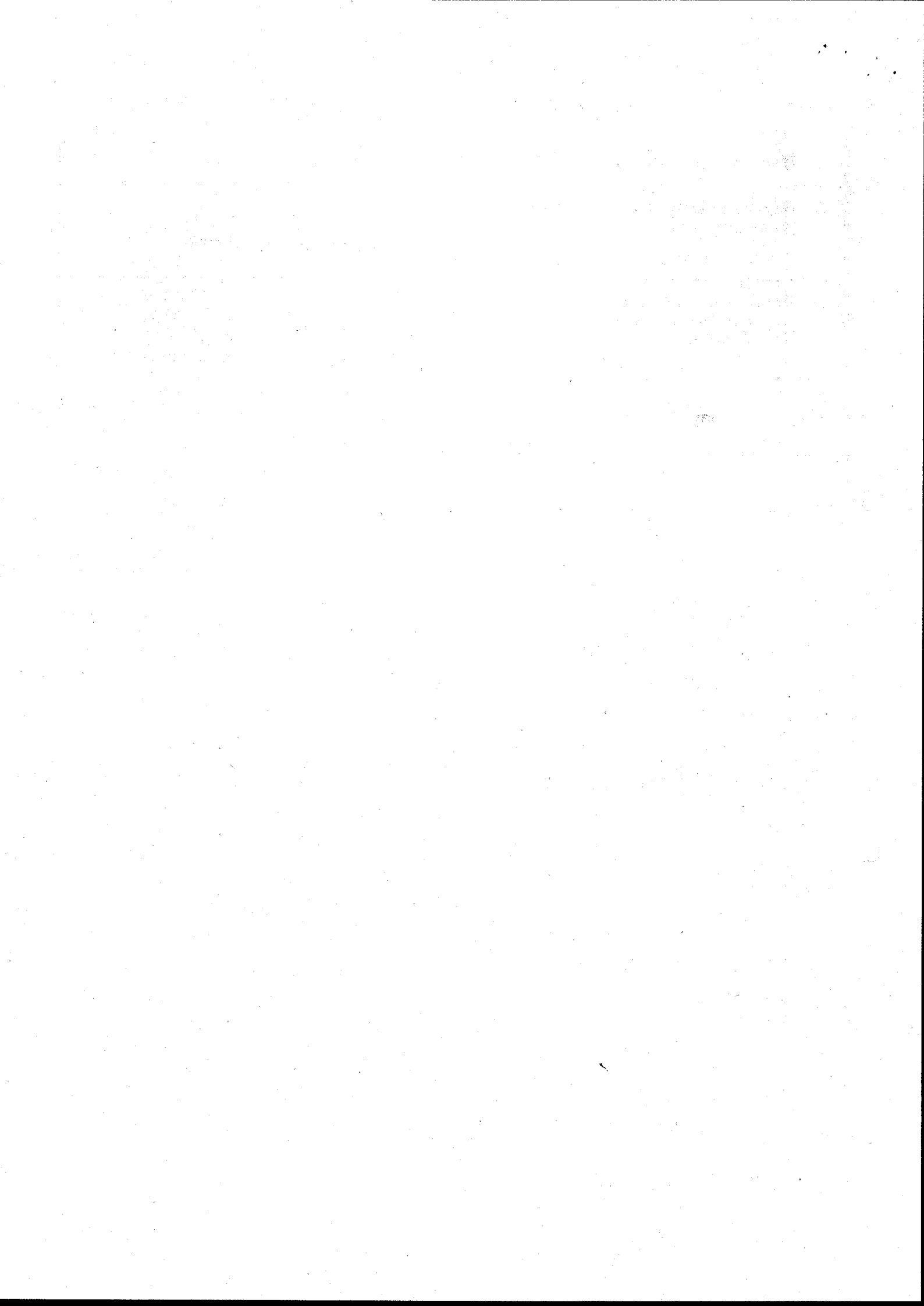
b) General purpose for which water is used (eg domestic, cooling, etc.)

b)



<p>12 Is consent required for a limited period? If yes give relevant dates</p>	<p>YES/NO* :</p>																				
<p>13 Does this proposal replace an existing discharge? If yes give details</p>	<p>YES/NO* : RELOCATION OF OUTFALL</p>																				
<p>14 Are there any existing consents for discharge from the premises? (see note 10) If yes, give details, numbers, if known.</p>	<p>YES/NO* BN 0027811 STORM : BN 0027801 FINAL EFFLUENT</p>																				
<p>15 Please give details of the premises – tick as appropriate:-</p> <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 checked="" 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>		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 checked="" type="checkbox"/>	9. Water supply	<input type="checkbox"/>	10. Other	<input type="checkbox"/>
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<p>16 IN THE CASE OF SUB-IRRIGATION SYSTEMS AND SOAKAWAYS</p>																					
<p>a) Is any part of the system within 10 metres of the site boundary? b) Is any part of the systems within 10 metres of a watercourse? c) Is the land in which the disposal system is to be constructed, to be under-drained with land drains discharging to a watercourse? 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.</p>	<p>YES/NO* YES/NO* YES/NO* : YES/NO*</p>																				
<p>17 FOR SEWAGE TREATMENT PLANTS</p>																					
<p>a) State the population served/population equivalent/estimated population* b) Give details of the treatment plant to be used (see note 11)</p>	<p>*All year PRESENT 970 *Summer *Winter FUTURE 1100</p>																				

*Delete as necessary



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.)

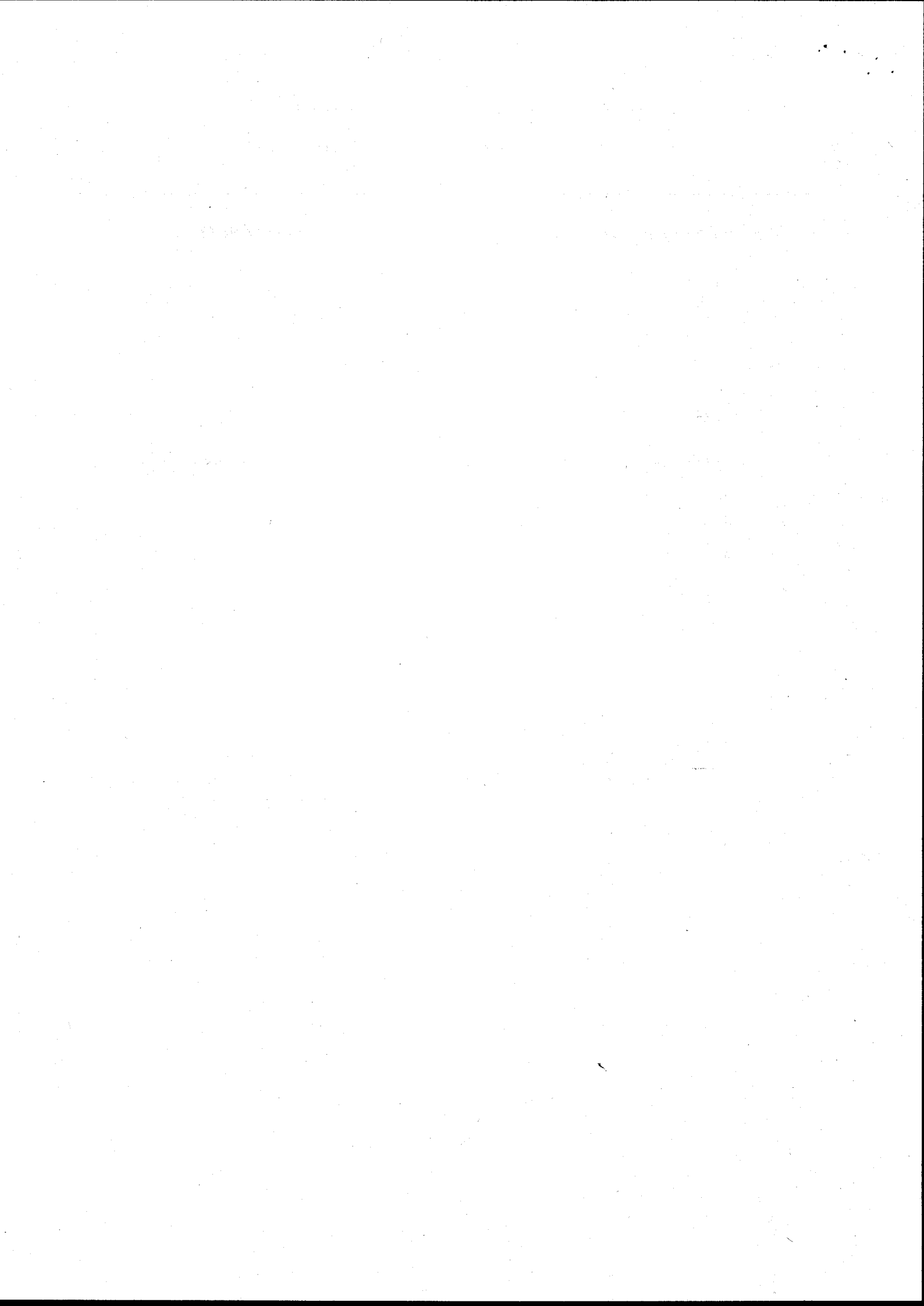
b) Maximum temperature of the effluent as discharged°C

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. Aldrin, dieldrin, endrin and isodrin | 25. Iron |
| 2. Arsenic | 26. Lead |
| 3. Atrazine | 27. Malathion |
| 4. Azinphos-ethyl | 28. Mercury and its compounds |
| 5. Azinphos-methyl | 29. Nickel |
| 6. Boron | 30. Parathion |
| 7. Cadmium and its compound | 31. Parathion-methyl |
| 8. Carbon tetrachloride | 32. PCSD's |
| 9. Chloroform | 33. Pentachlorophenol (PCP) |
| 10. Chromium | 34. Perchloroethylene |
| 11. Copper | 35. Permethrin |
| 12. Cyanide | 36. pH if outside the range 5.5 to 9.0 |
| 13. Cyfluthrin | 37. Polychlorinated biphenyls |
| 14. DDT | 38. Simazine |
| 15. 1, 2-Dichloroethane | 39. Sulcofuron |
| 16. Dichlorvos | 40. Tetrachloroethylene |
| 17. Dioxins | 41. Tributyltin compounds |
| 18. Endosulfan | 42. Trichlorobenzene |
| 19. Fenitrothion | 43. Trichloroethane |
| 20. Fenthion | 44. Trichloroethylene |
| 21. Flucifuron | 45. Trifluralin |
| 22. Hexachlorobenzene (HCB) | 46. Triphenyltin compounds |
| 23. Hexachlorobutadiene (HCBD) | 47. Vanadium |
| 24. Hexachlorocyclohexane
(lindane and related compounds) | 48. Zinc |

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



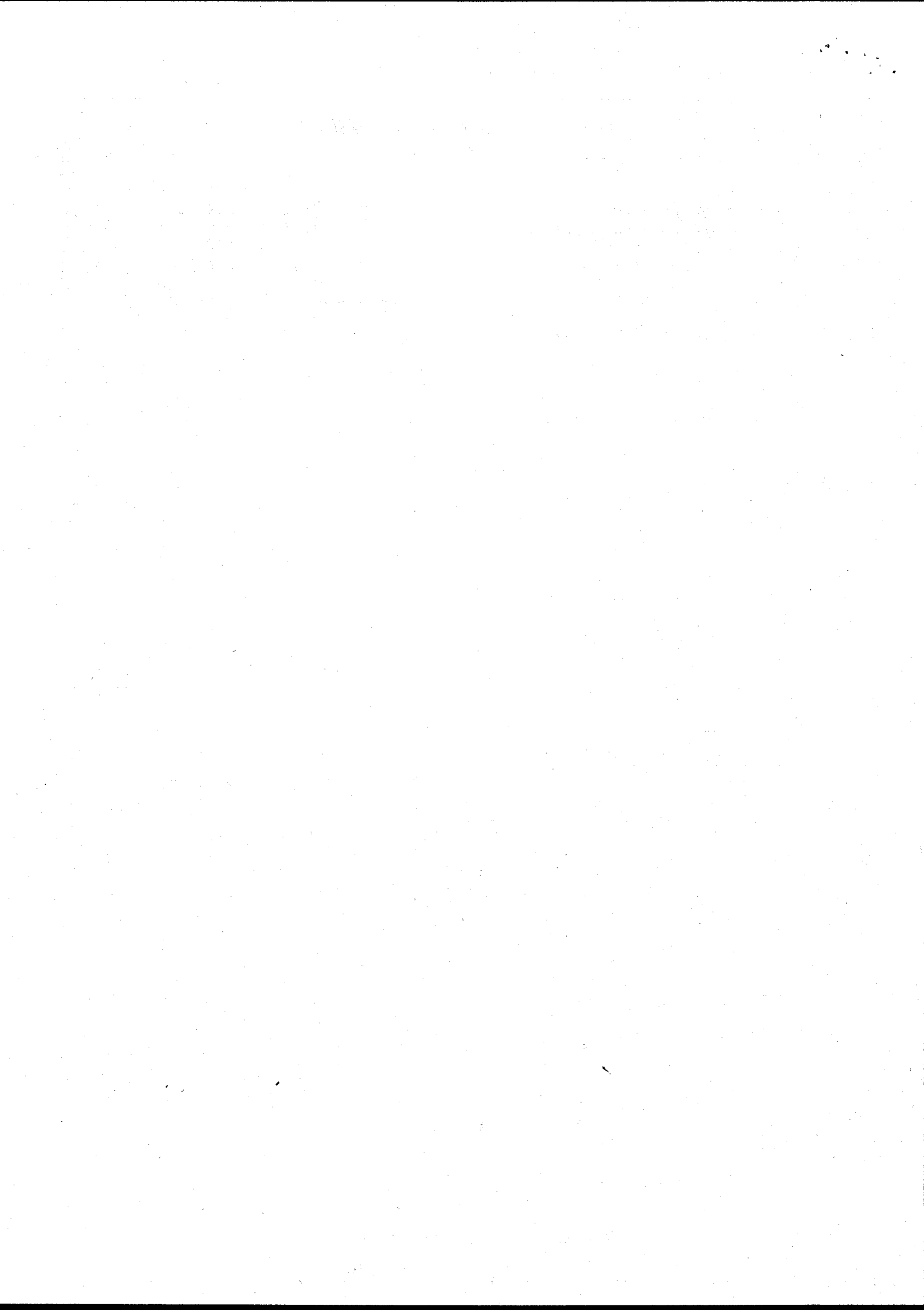
19 FOR STORM AND EMERGENCY DISCHARGES AND SURFACE WATER SEWERS

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

- | | | |
|---|-------------------------------------|----------------------------|
| Storm tanks | <input checked="" 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 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:-

<p>20</p> <p>a) State dry weather flow to pumping station/in sewer</p> <p>b) State flow at which storm discharge will commence</p>	<p>: WORKS DWF 408 m³/day</p> <p>: AT 9.4 L/S DISCHARGE TO TANKS WHICH HAVE 1.5 HRS RETENTION AT MAX FLOW [RETAINED - FLOW TO FULL TREAT] l/sec</p>
<p>21 Expected frequency of operation</p>	<p>: UNKNOWN per annum</p>
<p>22 State volume of storm tank(s).</p>	<p>: 69 m³</p>
<p>23 State volume of wet well</p>	<p>: / m³</p>
<p>24 What provisions have been made to raise alarms? (eg telemetry)</p>	<p>NONE</p>
<p>25 What facilities have been provided to prevent the discharge of gross solids? (For screens, give bar spacing or aperture.)</p>	<p>INLET WORKS RECEIVES PUMPED FLOWS THROUGH COMMUNICATOR. STORM FLOWS OVERTOP WEIR TO STORM TANKS, WHICH ARE FITTED WITH SCUM BOARDS</p>
<p>26 What provisions have been included to deal with</p> <p>a) power failure?</p> <p>b) mechanical breakdown?</p> <p>c) rising main failure?</p>	<p>/</p>
<p>27 What facilities have been provided for flow measurements?</p>	<p>FLUME WHICH MEASURES COMBINED FLOW</p>
<p>28 Are there any other factors to be taken into account?</p>	



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 BP0217802

Nature of Discharge(s); SEWAGE EFF/STORM EFF/RAINFALL
at CILGERRAN STW

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:.....

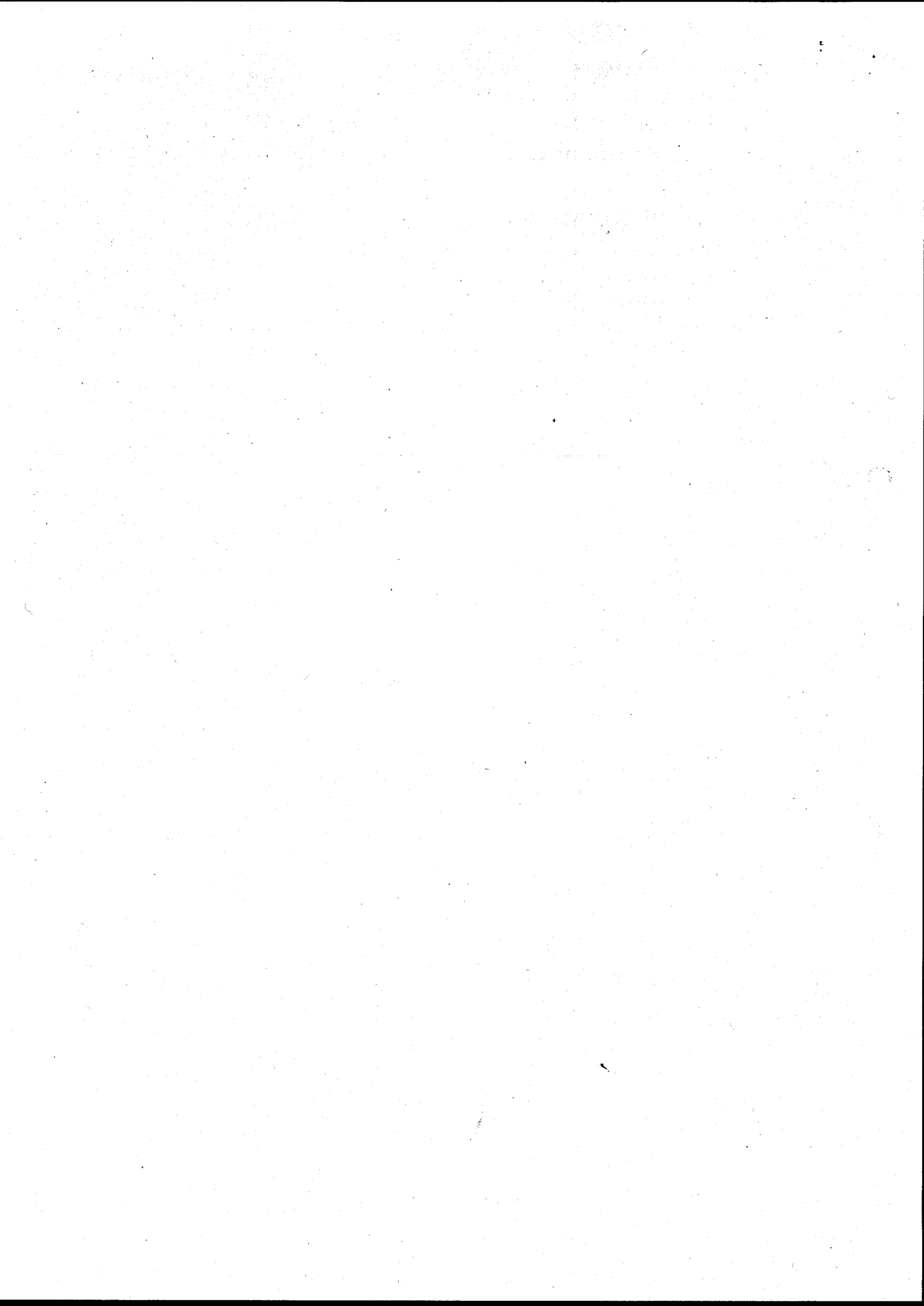
Dated:.....

Name (block capitals):

Position:

(to be completed when signing)





Joy



*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/BPO217802/DMW/JAT

Enquiries:
Mark Williams

Date
17 August 1992

Dear Sirs,

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BPO217802 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

S J Brown
Area Environmental Quality Manager

Recorded Delivery No: H006698

Aelod Rhanbarthol o'r Bwrdd
Yr Athro Ron Edwards

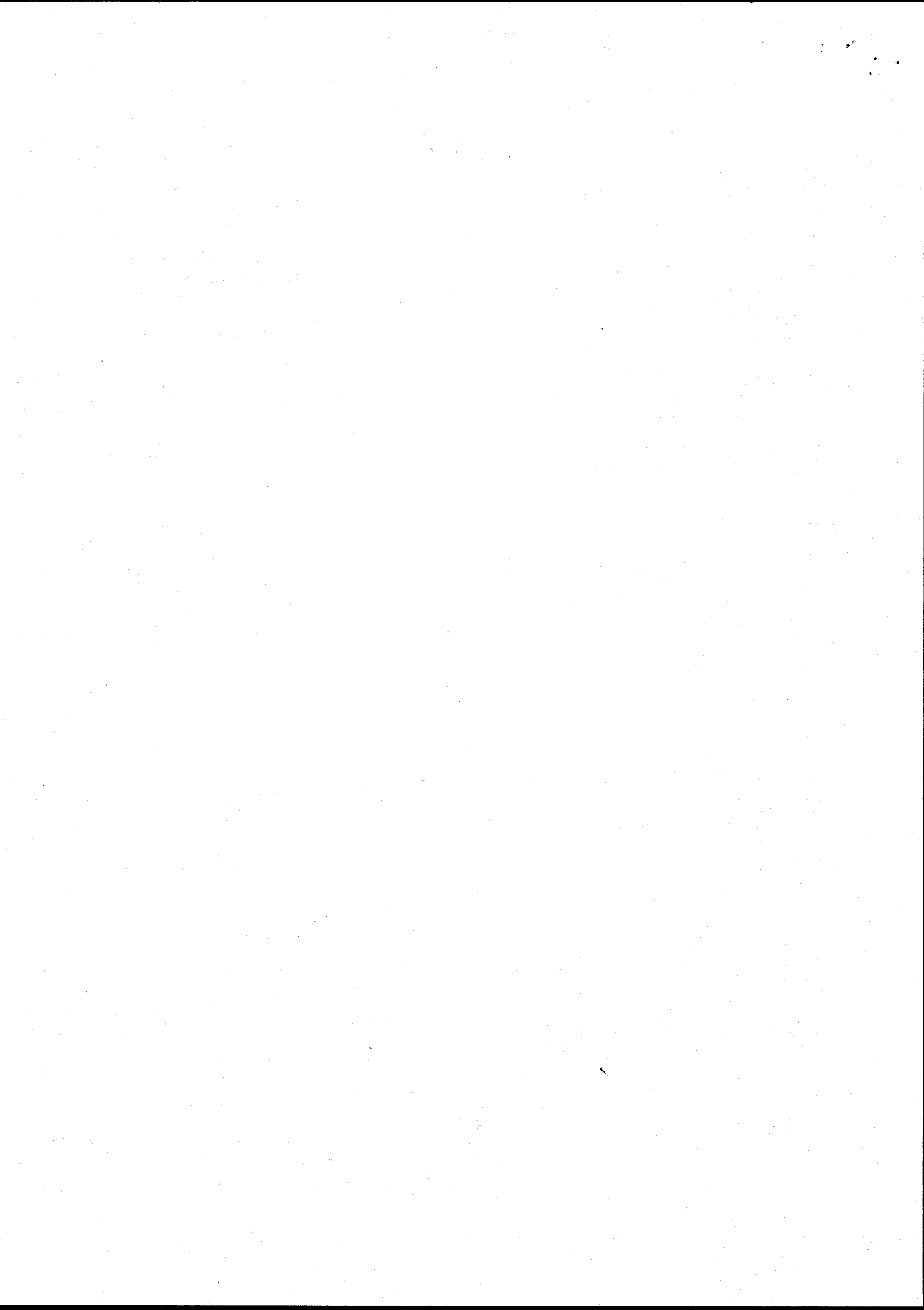
Rheolwr Rhanbarth Cyllfredinol
Dr John Stoner

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





Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No.	BP0217802
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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

C O N S E N T

Page 1 of 2

To: Dwr Cymru Cyfyngedig
Of: Plas y Ffynnon, Cambrian Way, Brecon, Powys LD3 7HP
For: A Discharge of Settled Storm Sewage
To: Afon Teifi
From: Cilgerran STW, Cilgerran, 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 : 200mm diameter pipe
Discharging to : Afon Teifi
At OS Grid Ref: : SN 1948 4324
As shown marked : "Proposed Outfall" on attached drawing/plan no. BP0217802/A.
3. Adequate facilities shall be provided to enable representative samples of the discharge to be conveniently obtained at any time at existing outlet from Storm Tanks as shown marked 'Sampling Point' on the attached drawing/plan no. BP0217802/A.
4. No discharge shall occur unless the rate of flow passing forward to full treatment is at least 9.4 litres per second.

continued.....

Aelod Rhanbarthol o'r Bwrdd
Yr Athro Ron Edwards

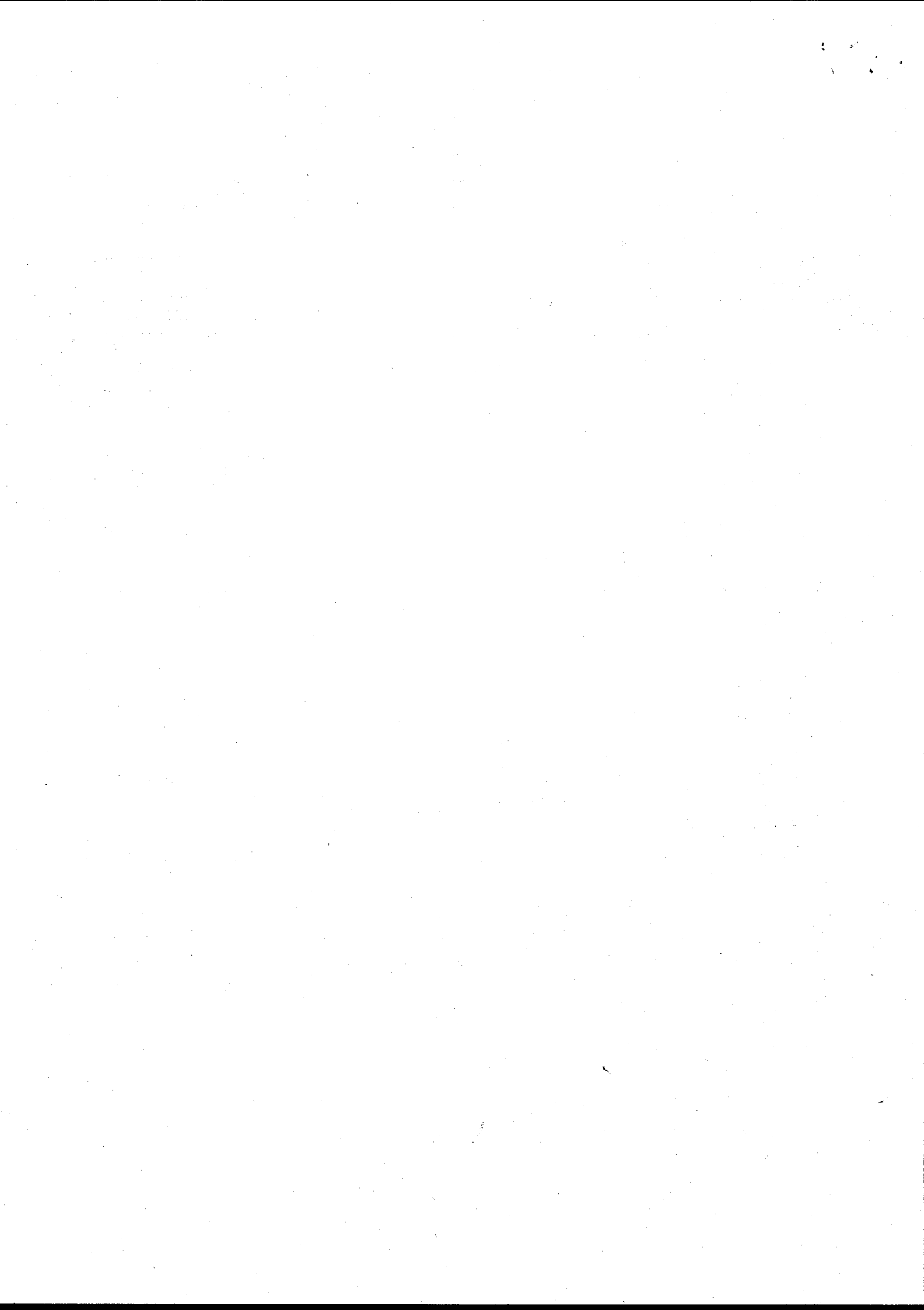
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WATER RESOURCES ACT 1991
Continuation Sheet

Consent No. BP0217802

page 2 of 2

5. Storm flows exceeding 9.4 litres per second shall be settled in storm settlement tanks with a minimum volume of 69 cubic metres prior to discharge.
6. This consent replaces previous Consent No. BN0027811.

This Consent is given on: *14th August 1992* on behalf of the Authority
by: *[Signature]* Area Environmental Quality Manager

During the period ending with the *13th August 1994* the terms of this
Consent will not be altered without the written agreement of the person
making the discharge.

