

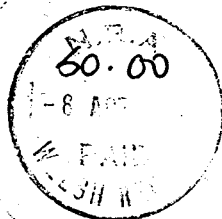
NATIONAL RIVERS AUTHORITY

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.

Application No. BPO222501

Date Received: 8/4/92

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

Signed Date 2.04.92

Authorised on behalf of IDEAL HOMES WALES 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*

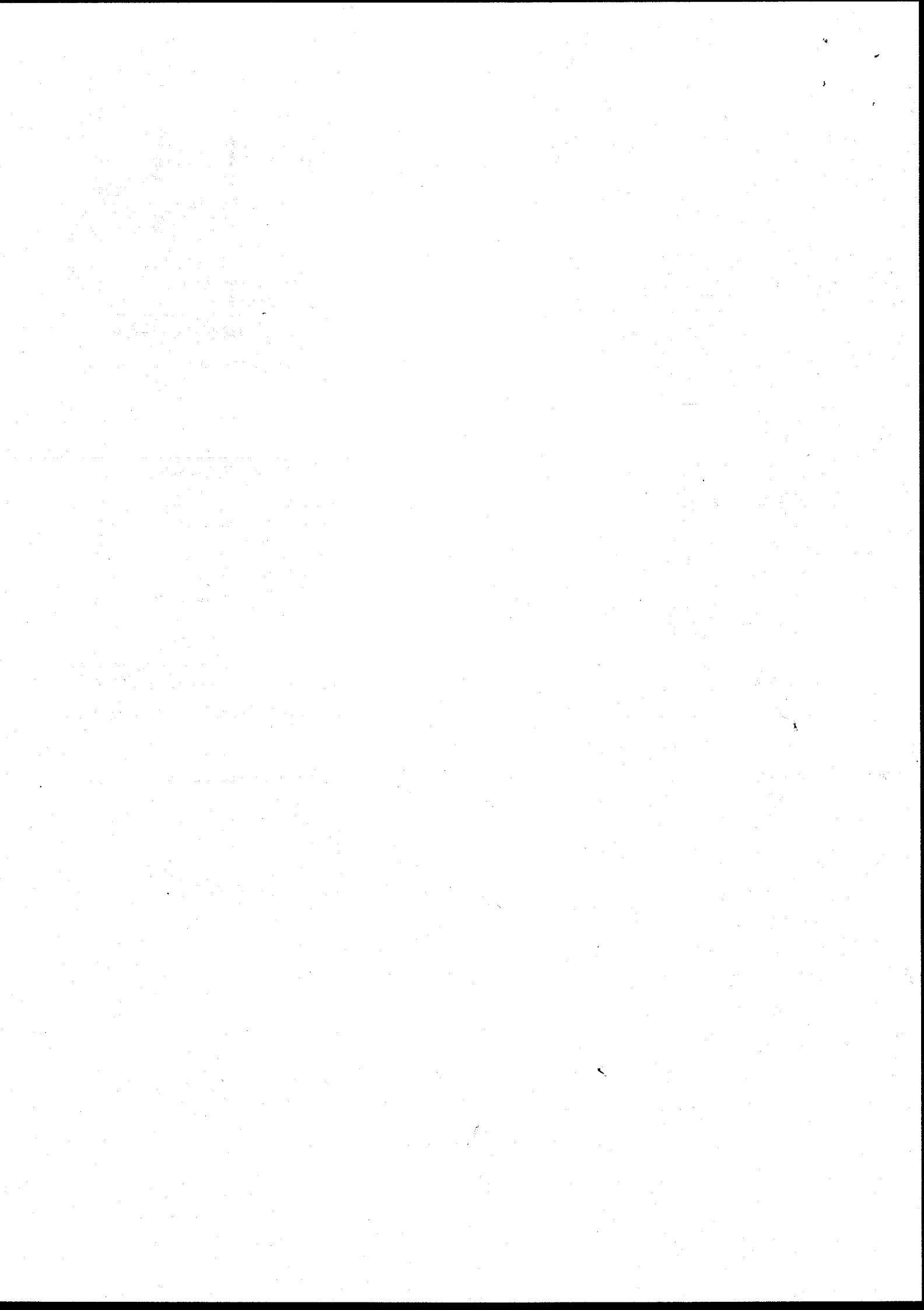
Has this application been made in response to the service of a relevant prohibition? YES/NO*

If yes please give reference number:

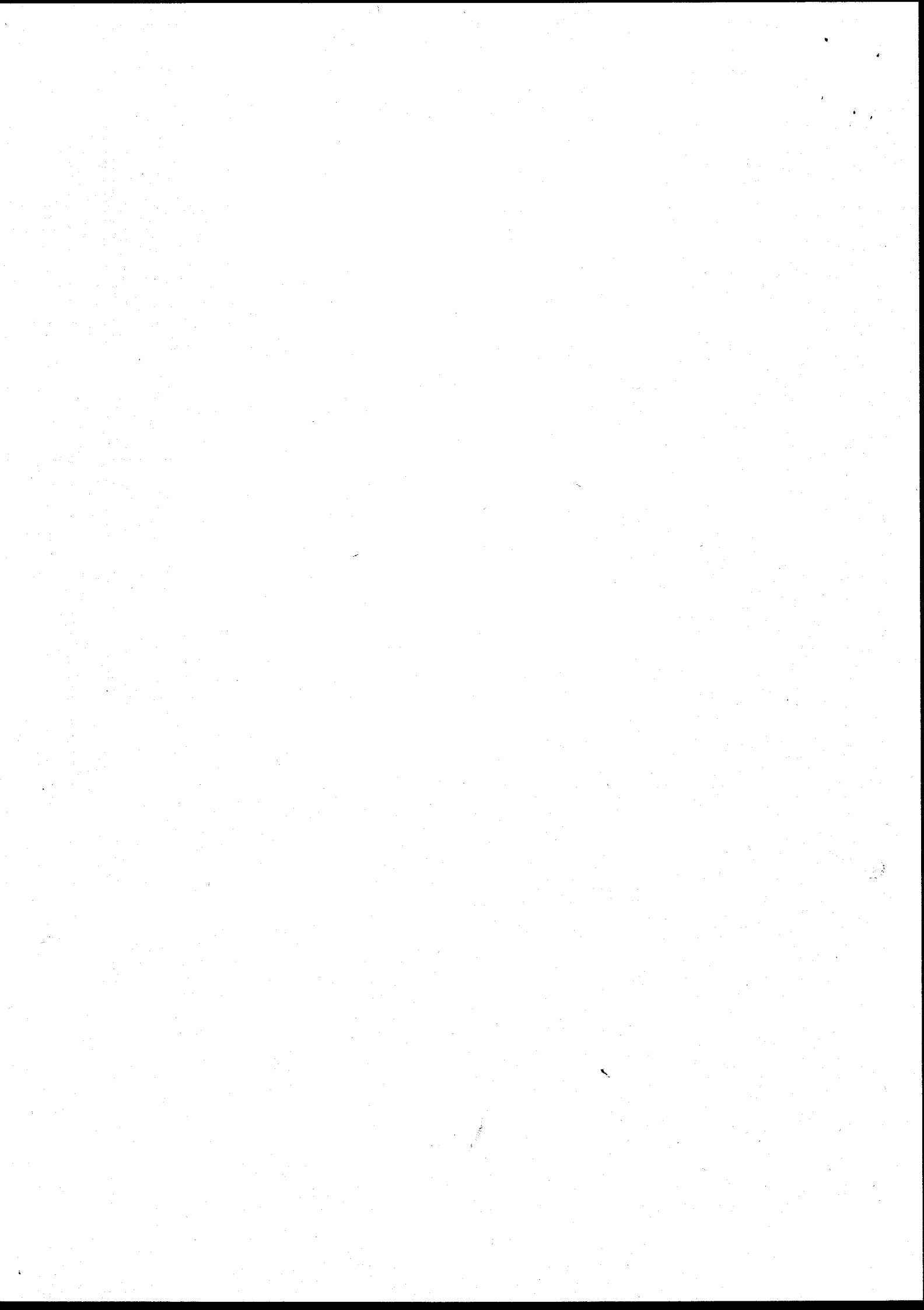
1a Full name and postal address of applicant. (See note 4.) Post Code: Daytime telephone number:	IDEAL HOMES WALES LTD LLANTRISANT BUSINESS PARK. LLANTRISANT. MID. GLAM. CF7 8AP 0443 / 223653
1b Agent (if any) Full name and postal address Contact name and daytime telephone number	G.S. JENKINS. C. Eng. AS ABOVE. 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



2a) Address or other sufficient description of land or premises to which this application relates.	LAND NORTH & ADJACENT TO M4 AND EAST OF GWEENLLYCHWYTH ROAD. BIRCHLOVE, SWANSEA.																					
2b) National Grid Reference of point of discharge.	55	6,9,7,3 9,8,1,8																				
2c) District Council area.	SWANSEA CITY.																					
3 State the nature of the discharge. Tick one or more boxes as appropriate. (See note 6.)	Sewage effluent ☐ Storm/emergency sewage effluent ☒ Trade effluent ☐ Any other matter (inc. surface water). ☐																					
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.	130 m³/day 12 l/sec DURING PUMPING STN. BREAKDOWN.																					
5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified.)	m²																					
6 Receiving medium Tick the category to which the proposed discharge(s) are to be made. <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">TIDAL RIVER OR STREAM</td> <td style="width: 5%;">☐</td> <td style="width: 45%;">ONTO LAND</td> <td style="width: 10%;">☐</td> </tr> <tr> <td>NON-TIDAL RIVER OR STREAM</td> <td>☒</td> <td>DIRECTLY INTO GROUNDWATER</td> <td>☐</td> </tr> <tr> <td>CANAL</td> <td>☐</td> <td>INTO LAND AND WATERCOURSE</td> <td>☐</td> </tr> <tr> <td>LAKE, LOCH OR POND</td> <td>☐</td> <td>COASTAL WATER (see Note 8.)</td> <td>☐</td> </tr> <tr> <td>INTO LAND (not discharging to a river or stream)</td> <td>☐</td> <td></td> <td></td> </tr> </table> State name of watercourse, if known:- DITCH LEADING TO RIVER TAWE			TIDAL RIVER OR STREAM	☐	ONTO LAND	☐	NON-TIDAL RIVER OR STREAM	☒	DIRECTLY INTO GROUNDWATER	☐	CANAL	☐	INTO LAND AND WATERCOURSE	☐	LAKE, LOCH OR POND	☐	COASTAL WATER (see Note 8.)	☐	INTO LAND (not discharging to a river or stream)	☐		
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LAKE, LOCH OR POND	☐	COASTAL WATER (see Note 8.)	☐																			
INTO LAND (not discharging to a river or stream)	☐																					



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 ☒ 2. Channel ☐ 3. Borehole ☐
4. Soakaway ☐ 5. Well ☐ 6. Sub-irrigation system ☐
7. Culvert ☐ 8. Soakaway & sub-irrigation system ☐ 9. Other ☐

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

Type of lining

Depth of lining

Depth of perforated lining

Depth of unperforated lining

- a) S.WATER PIPE 450mm DIA.
FOUL OVERFLOW WILL DISCHARGE INTO S.W SYSTEM ADJACENT TO PUMPING STATION.
- b)
- c)

: metres

: metres

: metres

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

If yes give reason for not connecting.

~~YES~~/NO*

:

11 Give brief details of:

- a) Source of water supply (eg mains, well, borehole, etc.)
- b) General purpose for which water is used (eg domestic, cooling, etc.)

a)

b)

*Delete as necessary

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>☐</td> <td>2. Multiple dwellings</td> <td>☒</td> </tr> <tr> <td>3. Licenced premises</td> <td>☐</td> <td>4. Vehicle parking area</td> <td>☐</td> </tr> <tr> <td>5. Industrial premises</td> <td>☐</td> <td>6. Fish farm</td> <td>☐</td> </tr> <tr> <td>7. Mineral workings</td> <td>☐</td> <td>8. WSPLC STW</td> <td>☐</td> </tr> <tr> <td>9. Water supply</td> <td>☐</td> <td>10. Other</td> <td>☐</td> </tr> </table> If other, please give further details. RESIDENTIAL DEVELOPMENT OF 130 UNITS.		1. Single dwelling	☐	2. Multiple dwellings	☒	3. Licenced premises	☐	4. Vehicle parking area	☐	5. Industrial premises	☐	6. Fish farm	☐	7. Mineral workings	☐	8. WSPLC STW	☐	9. Water supply	☐	10. Other	☐
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7. Mineral workings	☐	8. WSPLC STW	☐																			
9. Water supply	☐	10. Other	☐																			
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*																				
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 *Winter																				
b)	Give details of the treatment plant to be used (see note 11)																					

*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.)

EFFLUENT FROM RESIDENTIAL DWELLINGS.

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:—

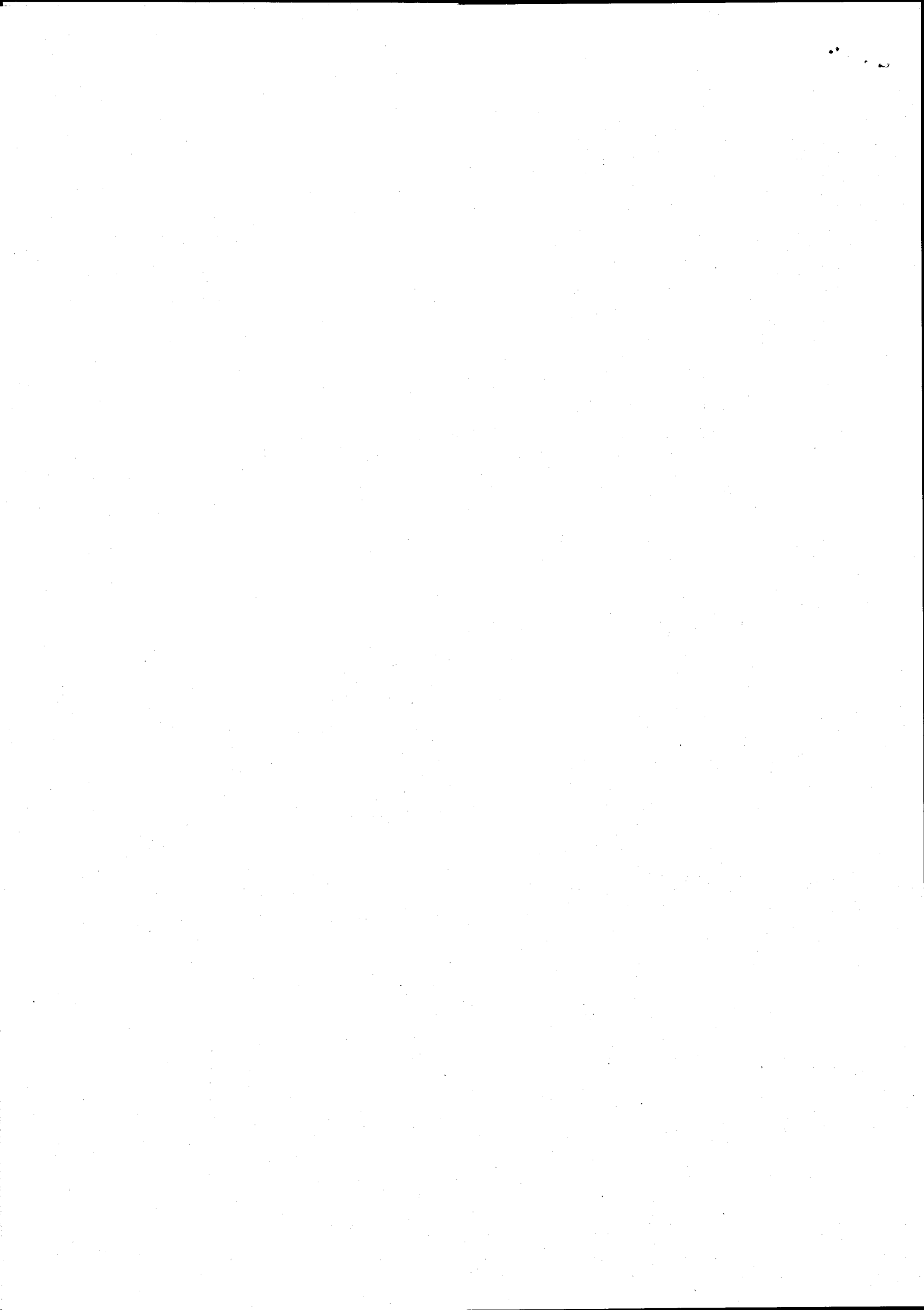
19 FOR STORM AND EMERGENCY DISCHARGES AND SURFACE WATER SEWERS

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

- | | | |
|---|-------------------------------------|----------------------------|
| Storm tanks | ☐ | Answer all except 23 & 26 |
| Storm overflow from sewer | ☐ | Answer all except 23 & 26 |
| Storm overflow from pumping station | ☒ | Answer all sections below |
| Emergency overflow from sewer | ☐ | Answer 20a, 21, 25, 27, 28 |
| Emergency overflow from pumping station | ☒ | Answer all except 20b, 22 |
| Surface Water | ☐ | Answer 20a |
| Other | ☐ | Answer as appropriate |

If other, please give further details:-

20	a) State dry weather flow to pumping station/in sewer	: 130	m ³ /day
	b) State flow at which storm discharge will commence	:	l/sec
21	Expected frequency of operation	: HOPEFULLY HIL	per annum
22	State volume of storm tank(s).	:	m ³
23	State volume of wet well	: 30	m ³
24	What provisions have been made to raise alarms? (eg telemetry)	TELEMETRY SYSTEM & GPC HOLDING	
25	What facilities have been provided to prevent the discharge of gross solids? (For screens, give bar spacing or aperture.)	TO BE DECIDED AFTER CONSULTATIONS WITH W.C.A.	
26	What provisions have been included to deal with		
	a) power failure?	GENERATOR	
	b) mechanical breakdown?	STANDBY PUMP.	
	c) rising main failure?	HIL.	
27	What facilities have been provided for flow measurements?	HIL.	
28	Are there any other factors to be taken into account?		
	TWIN PUMPS WILL BE INSTALLED. IE. 140 STANDBY; GPC HOLDING SURV.		



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



**ENVIRONMENT
AGENCY**

Part A

To: PERSIMMON HOMES WALES LTD
CHIEF ENGINEER
LLANTRISANT BUSINESS PARK

LLANTRISANT CF7 8YP

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BP0222501

Nature of Discharge(s); SEWAGE EFF/CRUDE EFF/EMERGENCY
at
PS AT GWERNLLWYNCHWYTH MORRISTON SWANSEA

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:

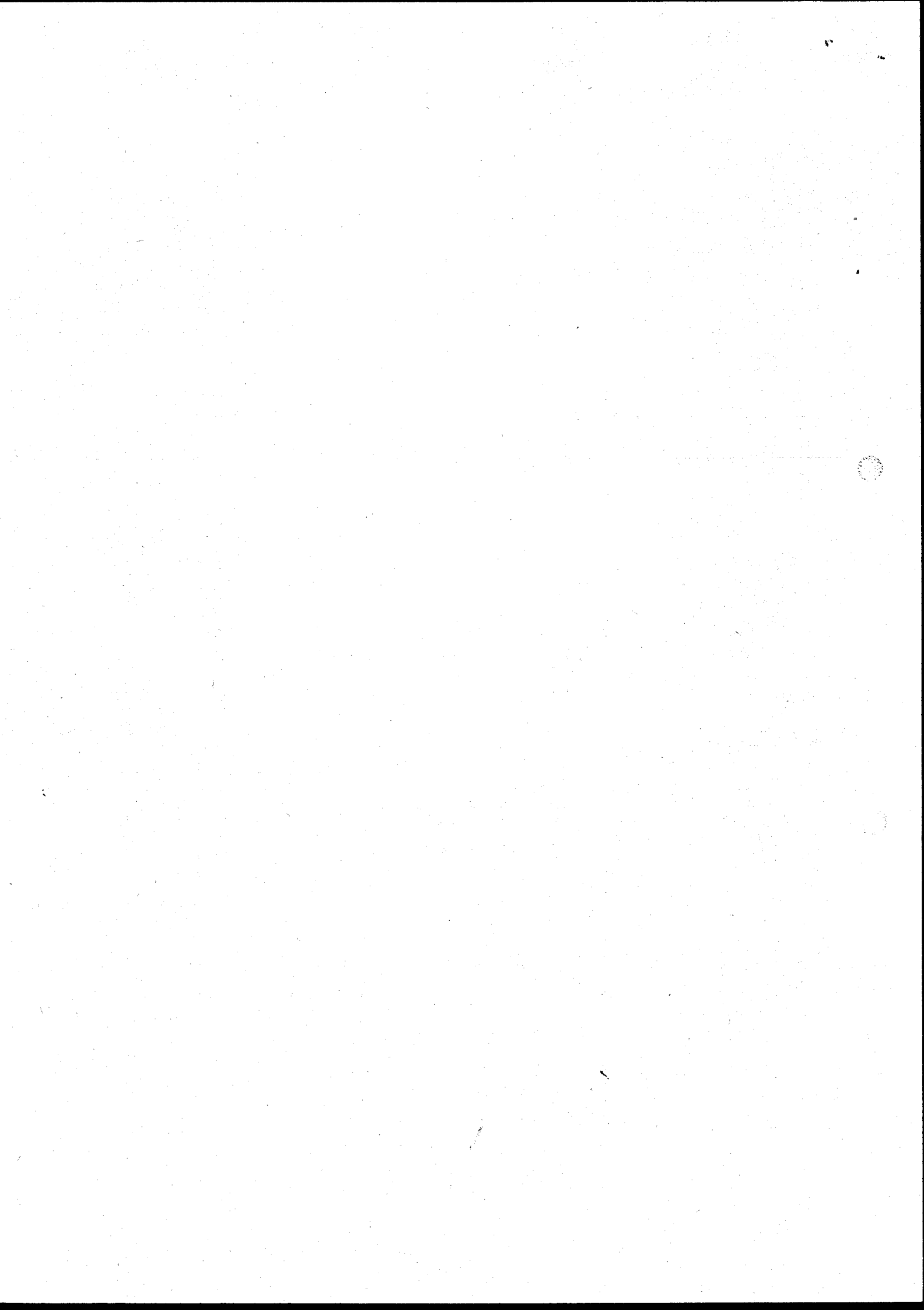
Post Code:

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*

Ideal Homes Wales Limited
Llantrisant Business Park
Llantrisant
Mid Glamorgan
CF7 84P

Our Ref:
2/EQ/BP0222501/AH/JAT

Enquiries: Alan Hawkins
Tel: 0792 645300

Date: 3 September 1992

Dear Sirs,

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BP0222501 for your attention.

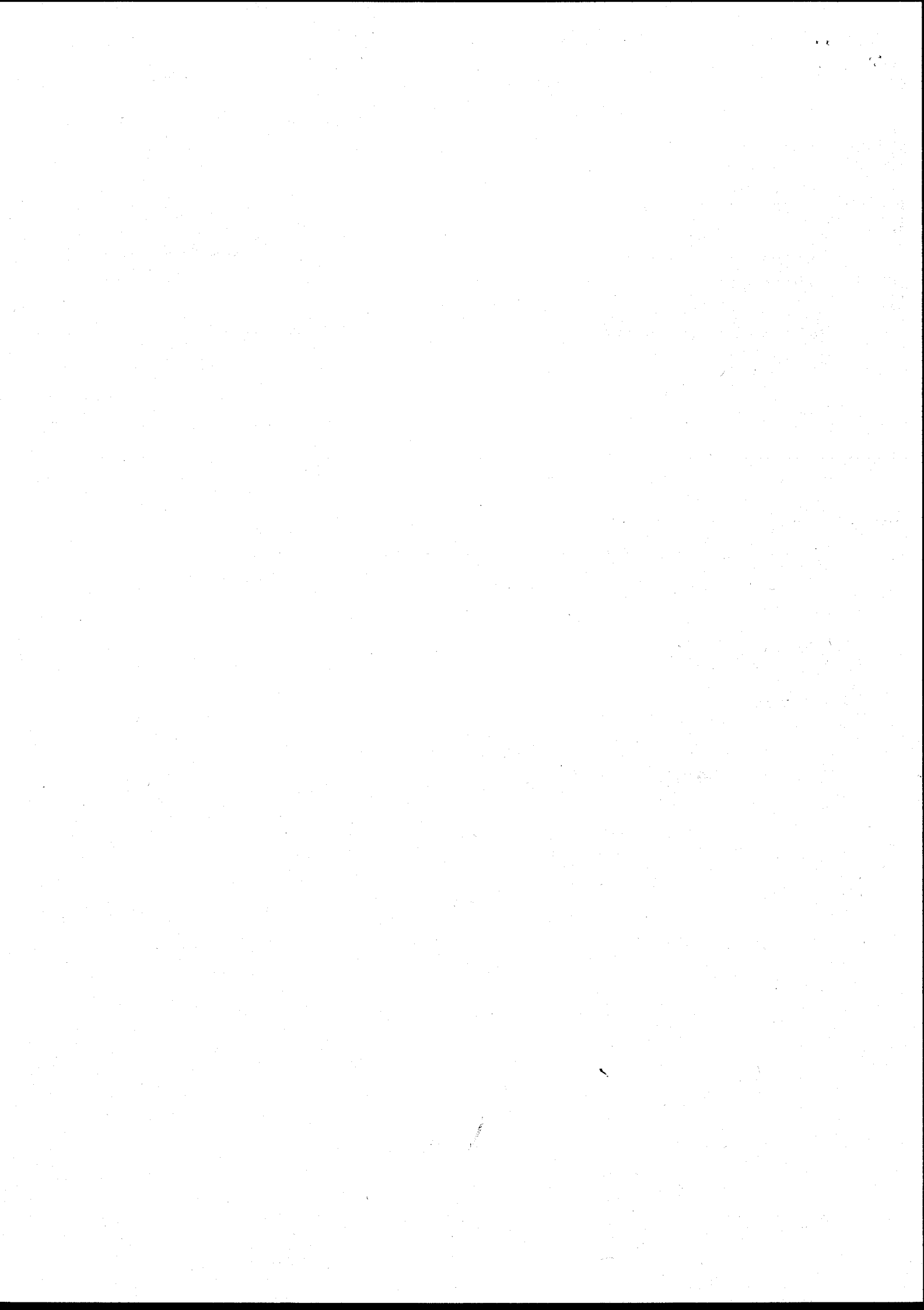
Yours faithfully

PP S J Brown
Area Environmental Quality Manager

Recorded Delivery No: R913825

Aelod Rhanbarthol o'r Bwrdd
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





Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No.	BP0222501
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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: Ideal Homes Wales Limited
Of: Llantrisant Business Park, Llantrisant, Mid Glamorgan, CF7 84P
For: A Discharge of Sewage in an Emergency
To: A Tributary of River Tawe
From: A Pumping Station at Gwernllynchwyth Road, Birchgrove, Swansea.

CONDITIONS OF CONSENT

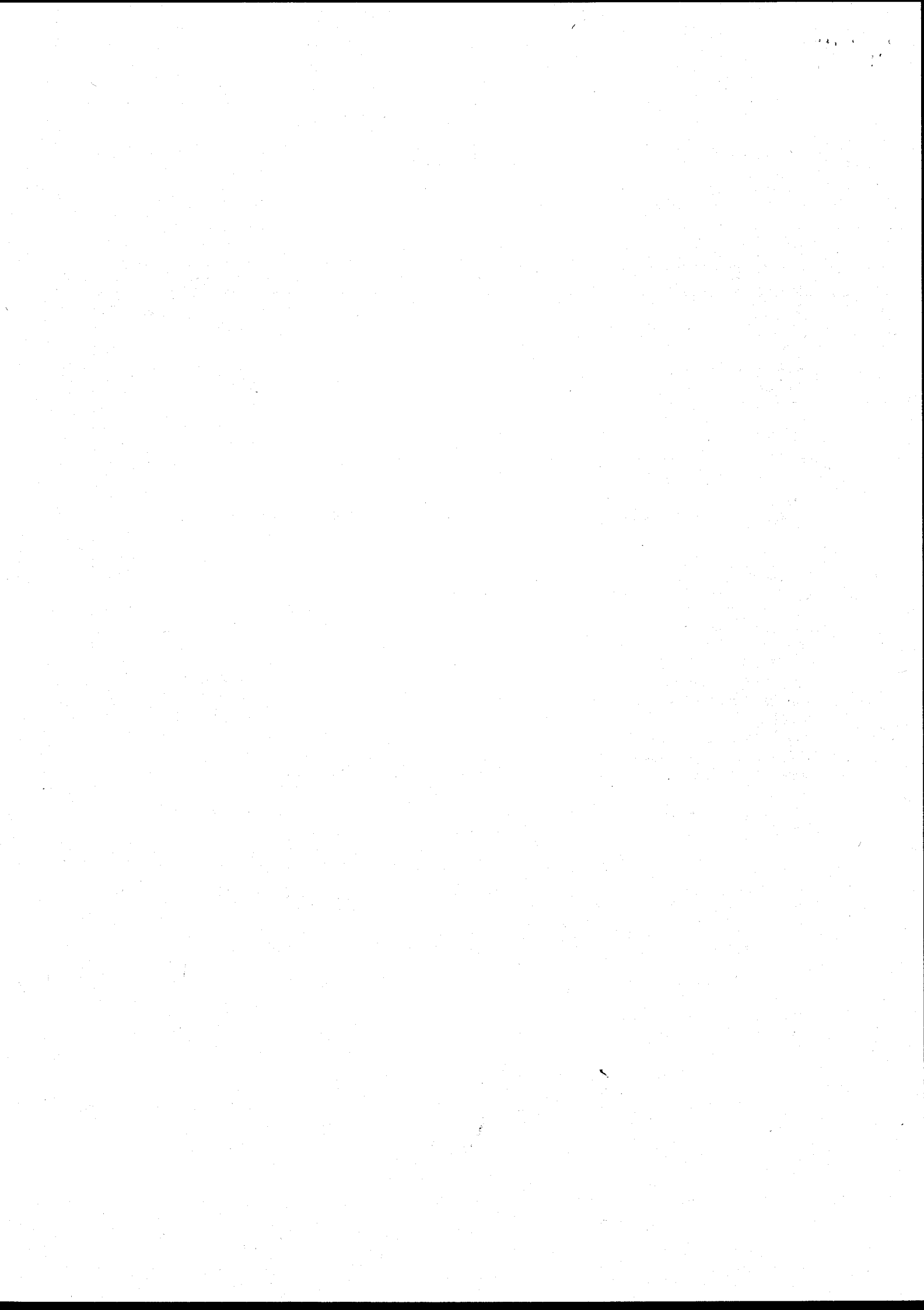
- 1 The discharge shall consist only of sewage discharged in an emergency to avoid danger to life or health. An electrical or mechanical breakdown of such severity as to render the pumping station completely inoperable, total failure of the external power supply or total blockage of the rising main shall 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 : 450mm diameter pipe
Discharging to : A Tributary of the River Tawe
At OS Grid Ref. : SS 6973 9818
As shown marked : Point 'A' on attached drawing/plan number BP0222501
- 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.....

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





Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No. BP0222501

WATER RESOURCES ACT 1991

Continuation Sheet

page 2 of 2

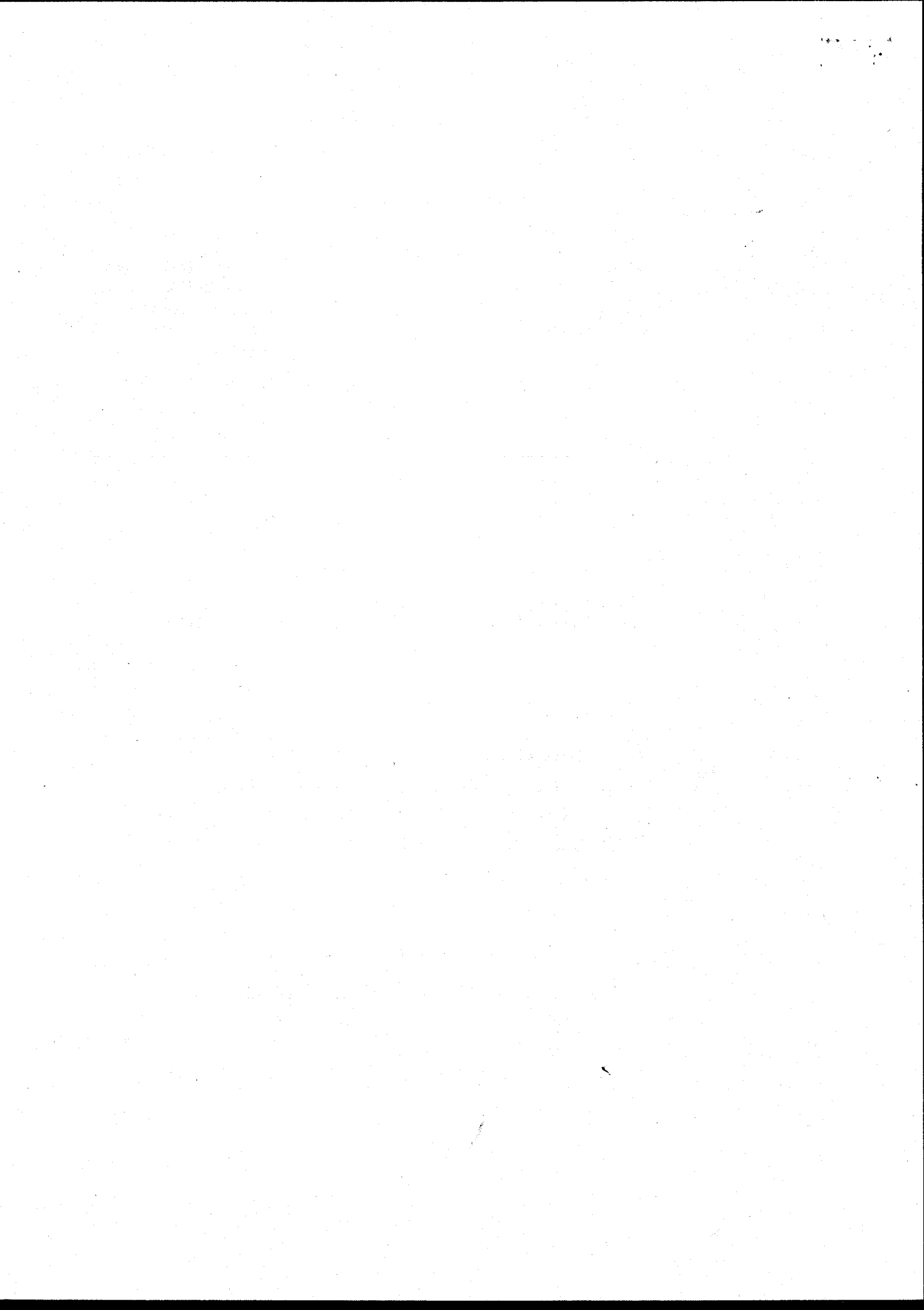
- 5 In the event of an emergency, a minimum of 6 hours storage capacity shall be available before discharge commences, based on the design dry weather sewage flow.
- 6 Standby equipment shall be provided to enable the immediate resumption of full pumping capacity in the event of a duty equipment failure.
- 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.
- 12 The discharger shall pay all reasonable costs to the Authority in relation to any anti-pollution works or operations carried out in respect of poisonous, noxious or polluting matter or solid waste matter present in controlled waters as a result of a discharge.

This Consent is given on: 28th August 1992 on behalf of the Authority
by: [Signature] Area Environmental Quality Manager

During the period ending with the 27th August 1994 the terms of this
Consent will not be altered without the written agreement of the person
making the discharge.

Cadeirydd Rhanbarthol
Yr Athro Ron Edwards
Rheolwr Rhanbarth Cyffredinol
Dr John Stoner
Glan Tawe, 154-156 Ffordd Sant Helen
Abertawe
Gorllewin Morgannwg, SA1 4DF
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Swansea
West Glamorgan, SA1 4DF
Tel: Swansea (0792) 645300



IDEAL HOMES WALES LIMITED
Project

LAND AT BIRCHGROVE, MORRISTON

FIGURE 1

SITE LOCATION PLAN

