

NATIONAL RIVERS AUTHORITY WATER ACT 1989

Application for consent to discharge
Schedule 12



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.
Application No. BPO2A001
Date Received: 22/11/91

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

Signed S. G. Lewis Date 19.11.91

Authorised on behalf of DWR CYMRU CYF

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>DWR CYMRU - WELSH WATER PLAS Y FFYNNON CAMBRIAN WAY BRECON POWYS</p> <p>LD3 7HP</p> <p>0874 623181 (SELWYN LEWIS)</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.)

<p>2a) Address or other sufficient description of land or premises to which this application relates.</p>	<p>SALEM STW LLANDEILO</p>										
<p>2b) National Grid Reference of point of discharge.</p>	<p>S N 6 2 1 2 2 6 6 4</p>										
<p>2c) District Council area.</p>	<p>DINEFWR</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 <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>75 m³/day ESTIMATED 8 l/sec DURING STORM CONDITIONS</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>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> <p>If A-D or H, state name of watercourse, if known:- AFON MYDDFI</p>		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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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.
- 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:

a) 150mm ϕ

b)

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.

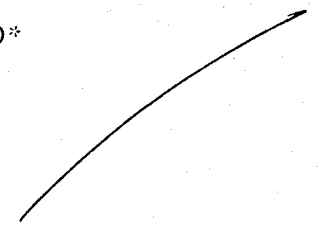
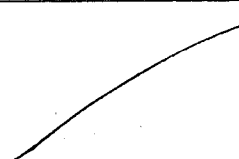
:

11 Give brief details of:

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

a)

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*</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*</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 *Summer *Winter</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. Mercury and its compounds | 24. Lead |
| 2. Cadmium and its compound | 25. Chromium |
| 3. Hexachlorocyclohexane
(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. Flucofuron |
| 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:-

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:-

<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>: 56 m³/day</p> <p>: > 1.3 l/sec AFTER STORM TANK IS FULL</p>
<p>21 Expected frequency of operation</p>	<p>: ESTIMATED 35 per annum</p>
<p>22 State volume of storm tank(s).</p>	<p>: INSTALLED 11.6 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>SETTLEMENT BY STORM TANK</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>NONE</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 BP0219001

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

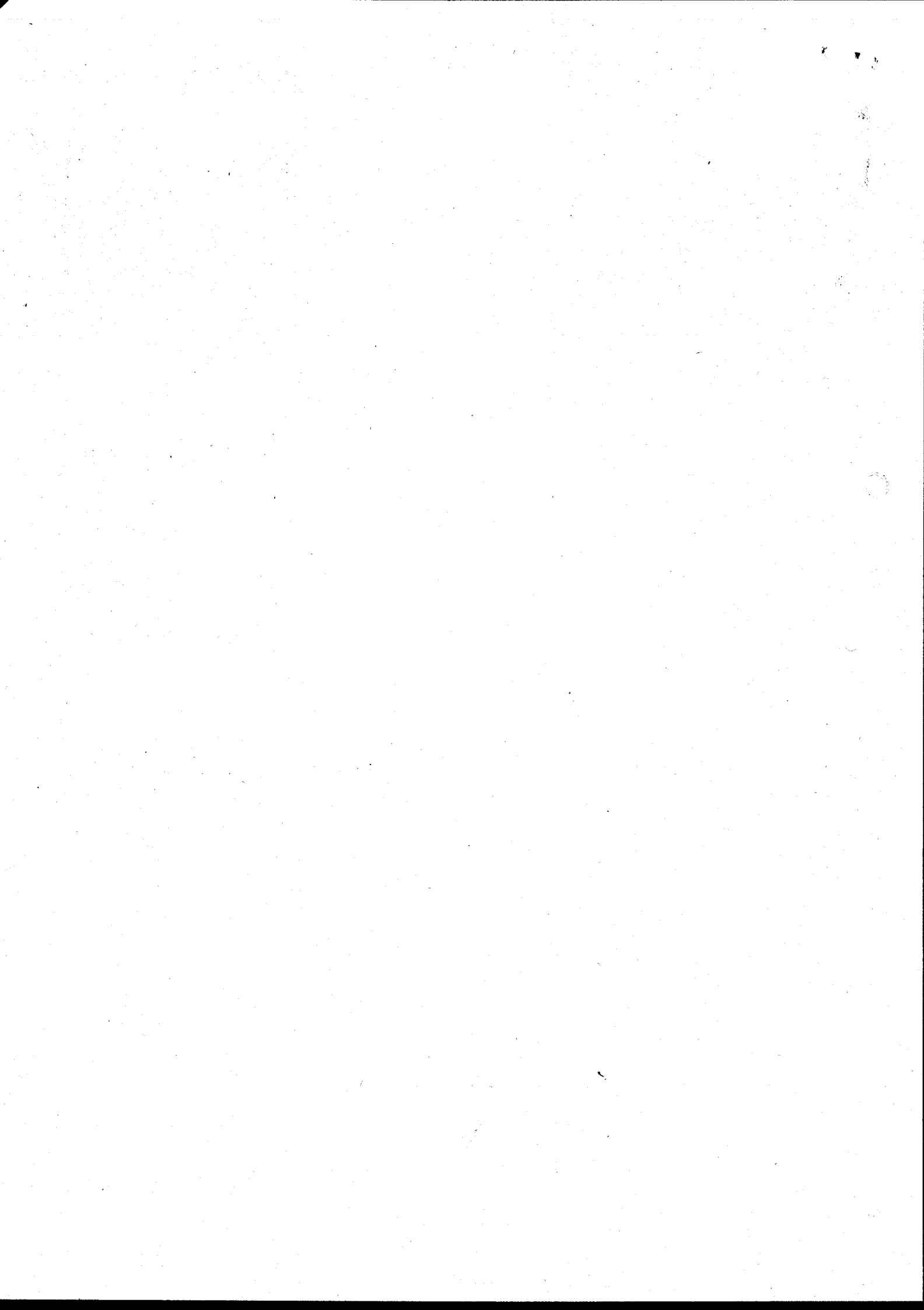
Date of Transfer to new Holder(s);

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

Name (block capitals): Position:

(to be completed when signing)





Joy.



*Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru*

*National Rivers Authority
Welsb Region*

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

Our Ref:
2/EQ/BPO219001/RMF/JAT

Enquiries: Roger Fisher
Tel: 0570 422455

Date
April 10, 1992

Dear Sirs

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BPO219001 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

D R Thomas
Divisional Scientist

Recorded Delivery No: F789454

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
Dyied SA61 2BQ
Tel: Haverfordwest (0437) 760081
Fax: (0437) 760881



Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No.	BP0219001
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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 Myddyfi
From: Salem Sewage Treatment Works

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 : 150mm diameter outlet
Discharging to : Afon Myddyfi
At OS Grid Ref: : SN 6212 2664
As shown marked : Point 'Y' on attached drawing/plan number BP0219001

3. Adequate facilities shall be provided to enable representative samples of the discharge to be conveniently obtained at any time at the storm sampling chamber, as shown marked 'Sampling Point' on the attached drawing/plan number BP0219001/02
4. No discharge shall occur unless the rate of flow passing forward in the sewer is at least 1.3 litres per second.
5. The discharge shall not contain any solid matter having a particle size greater than 10mm in any two dimensions.

continued.....

Cadeirydd Rhanbarthol
Yr Athro Ron Edwards
Rheolwr Rhanbarth Cyffredinol
Dr John Stoner
Llys Afon
Hawthorn Rise
Hwlfordd
Dyfed, SA61 2BQ

Regional Chairman
Professor Ron Edwards
Regional General Manager
Dr John Stoner
Llys Afon
Hawthorn Rise
Haverfordwest
Dyfed, SA61 2BQ

Consent No. BP0219001

WATER RESOURCES ACT 1991
Continuation Sheet

page 2 of 2

6. The overflow shall be maintained in an efficient operational condition at all times.
7. The Authority shall be informed in writing and as soon as reasonably practicable of any information received by Dŵr Cymru to the effect that there has been or is likely to be discharged into the sewer upstream of the overflow, a significant increase in the quantities of any of the substances listed in the attached Annex.

This Consent is given on: 9th April 1992 on behalf of the Authority
by: D. Walker Area Manager.

During the period ending with the 8th April 1994 the terms of this Consent will not be altered without the written agreement of the person making the discharge.

ANNEX.

<u>SUBSTANCE</u>	
Mercury	Fenthion
Cadmium	Parathion
g-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	

