

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. Sadn West

Application No.

Date Received:

6-11-91

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 £ 50 to cover the cost of this application (see note 2).

Signed [Signature] Date 1.11.91

Authorised on behalf of CARMARTHEN DISTRICT COUNCIL

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:	CARMARTHEN DISTRICT COUNCIL (1022) TECHNICAL SERVICES DEPARTMENT 3 SPILMAN STREET, CARMARTHEN DYFED SA31 1LE 0267 - 234567
1b Agent (if any) Full name and postal address Contact name and daytime telephone number	<u>R. J. C. LEWIS</u> 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. 132238	SEWERAGE TREATMENT PLANT SERVING BRO DOLAU RHYDCYMERAU LLANYBYDDER.		
2b) National Grid Reference of point of discharge.	SN 5749 3895		
2c) District Council area.	CARMARTHEN		
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 ☐		
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.	16 m³/day 0.5 l/sec CONTINUAL		
5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified.)	N.A. m²		
6 Receiving medium Tick the category to which the proposed discharge(s) are to be made. <table style="width: 100%;"> <tr> <td style="width: 50%;"> A. TIDAL RIVER OR STREAM ☐ B. NON-TIDAL RIVER OR STREAM ☒ C. CANAL ☐ D. LAKE, LOCH OR POND ☐ (not discharging to a river or stream) </td> <td style="width: 50%;"> E. INTO LAND ☐ F. ONTO LAND ☐ G. DIRECTLY INTO GROUNDWATER ☐ H. INTO LAND AND WATERCOURSE ☐ I. COASTAL WATER (See Note 8.) ☐ </td> </tr> </table> If A-D or H, state name of watercourse, if known:-		A. TIDAL RIVER OR STREAM ☐ B. NON-TIDAL RIVER OR STREAM ☒ C. CANAL ☐ D. LAKE, LOCH OR POND ☐ (not discharging to a river or stream)	E. INTO LAND ☐ F. ONTO LAND ☐ G. DIRECTLY INTO GROUNDWATER ☐ H. INTO LAND AND WATERCOURSE ☐ I. COASTAL WATER (See Note 8.) ☐
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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 ☒ 2. Channel ☐ 3. Borehole ☐
4. Soakaway ☐ 5. Well ☐ 6. Sub-irrigation ☐
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.

a) 150 mm ϕ PIPE

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) MAINS

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

b) DOMESTIC

*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:–	
	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 ☐
	If other, please give further details.	
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 17 *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.)

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:—

20 a) State dry weather flow to pumping station/in sewer b) State flow at which storm discharge will commence	: : m^3/day l/sec
21 Expected frequency of operation	: per annum
22 State volume of storm tank(s).	: m^3
23 State volume of wet well	: m^3
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.)	
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?	
28 Are there any other factors to be taken into account?	

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



**ENVIRONMENT
AGENCY**

22 April 1997

Part A

To: CARMARTHENSHIRE COUNTY COUNCIL
DIRECTOR LEGAL & ADMIN SERVICE
COUNCIL OFFICES
3 SPILMAN STREET
CARMARTHEN SA31 1LE

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BP0226701

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at

BRO DOLAU STW, RHYDCYMERAU

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:	BP0226701	Name:	CARMARTHENSHIRE COUNTY COUNCIL
		Address:	DIRECTOR LEGAL & ADMIN SERVICE
			COUNCIL OFFICES
			3 SPILMAN STREET
			CARMARTHEN SA31 1LE

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:**





*Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru*

Director of Technical Services
Carmarthen District Council
3 Spilman Street
Carmarthen
Dyfed
SA31 1LE



*National Rivers Authority
Welsb Region*

Our Ref:
2/EQ/BP0226701/JG/JAT

Enquiries: June Graham
Tel: 0570 422455

Date
4 March 1993

Dear Sirs,

Consent to Discharge of Effluent

I enclose the Authority's Consent to Discharge of Effluent, Reg No. BP0226701 for your attention.

Yours faithfully

H S J Brown
Area Environmental Quality Manager

Recorded Delivery No: J198067

Rheolwr Cyffredinol Rhanbarthol
Dr John Stoner
Llys Afon
Hawthorn Rise
Hwlfordd
Dyfed SA61 2BQ
Ffôn: Hwlfordd (0437) 760081
Ffacs: (0437) 760881

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.	BP0226701
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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: Director of Technical Services, Carmarthen District Council
Of: 3 Spilman Street, Carmarthen, Dyfed SA31 1LE
For: A Discharge of Biologically Treated Domestic Sewage Effluent
To: Nant Moelon
From: Bro Dolau STW, Rhydcymerau, Llanybydder, Dyfed

CONDITIONS OF CONSENT

1. The discharge shall consist only of biologically treated domestic sewage effluent from a maximum of 10 residential dwellings at Brodolau.
2. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via : 150mm. diameter pipe
Discharging to : Nant Moelon
At OS Grid Ref. : SN 5749 3895
As shown marked : Consent Point "X" on the attached drawing/plan no. BP0226701
3. Adequate facilities, approved in writing by the Authority, shall be provided to enable representative samples of the discharge to be safely and conveniently obtained at any time from the outlet pipe as shown marked "Sampling Point" on the attached drawing/plan no. BP0226701.
4. The maximum volume of effluent discharged shall not exceed 18 cubic metres per day.

continued.....

Rheolwr Cyffredinol Rhanbarthol
Dr John Stoner
Llys Afon
Hawthorn Rise
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Dyfed SA61 2BQ
Ffon: Hwlfordd (0437) 760081
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Regional General Manager
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WATER RESOURCES ACT 1991
Continuation Sheet

Consent No. BP0226701

page 2 of 2

5. The quality of the effluent discharged at all flows up to the maximum specified in Condition 4 shall not be inferior to the following numerical limits:
- 5a. The 5 day Biochemical Oxygen Demand (BOD ATU), determined at 20 degrees Celsius after the suppression of nitrification using allyl thiourea, shall not exceed 50 milligrammes of Oxygen per litre of sample.
- 5b. The Suspended Solids concentration, (dried at 105 degrees Celsius) shall not exceed 60 milligrammes per litre.
6. This consent should not be taken as providing a statutory defence against a charge of pollution in respect of any poisonous, noxious or polluting constituents not specified herein.

This Consent is given on 22nd February 1993 on behalf of the Authority
by: [Signature] Area Environmental Quality Officer

During the period ending with the 21st February 1995 the terms of this
Consent will not be altered without the written agreement of the person
making the discharge.

HEN DISTRICT

NEWCASTLE EMLYN No 2 ED

SN5739

No 8 WARD

572 573 574 575 576

