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 AW1004901

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

JWE/5/96

P1

NATIONAL RIVERS AUTHORITY
Letter No.
File No. AW1004901
RECD 20 MAY 1991
PASSED TO | CHAIN | RM | ADMIN | E & Q | FD
FOR
FILE
22 MAY 91
A 22/5/91 SK
23/5/91

Please return this form to:

Consents Officer.
N.R.A. Welsh Region,
FREEPOST
Rivers House,
St.Mellons Business Park,
St.Mellons,
Cardiff,
CF3 7ZZ.

For office use only:

Reference No.:

Reply Received:

Action :

Our records contain the following consent details :

Name and Address Of Owner:

Dwr Cymru Cyfyngedig,
Plas Y Ffynnon,
Cambrian Way,
Brecon,
Powys Ld3 7hp

Please indicate changes:

Consent No.: AW1004901 Operative Date : 30th January 1985

Is this discharge still in operation ? **YES [✓] NO [ ]**

If NO, do you wish this consent to be revoked ? **YES [ ] NO [ ]**

If you wish this consent to be revoked, please sign here :
This discharge is not in operation. I wish this consent to be revoked.

Signed : _____ Date : _____

If you do not wish this consent to be revoked, please verify the details which follow and supply further details if known.

Address of premises
Location of discharge :

Please indicate changes :

Painscastle Stw

Treated Sewage Effluent Tertiary

Outlet National Grid Reference : SO 17100 46300

Population Served : _____

Is discharge periodic or continuous ? **Periodic [ ] Continuous [✓]**

Discharge Consent Conditions :

Condition Name	Limit	Unit	Ind
DAILY VOL (DWF) M3/DAY	14.0	m3	
DISCHARGE RATE (L/S)	.5	l/sec	
BOD 5 ATU	39.0	mg/l	
SOLIDS SUSPENDED 105 C	60.0	mg/l	

Other Details.

Note: If the discharge has changed in composition or volume since the consent was issued, please indicate the changes above.

If you wish future bills to be sent to a name and address other than that shown at the top of the previous page then please complete the details here.

Please give a contact name and telephone number here.

Signed : J Adams pp S Lewis Date: 17.5.91

Roger Guy
Teg Jones
P. Bulkworth
R. Morley

NATIONAL RIVERS AUTHORITY

South Eastern Division

* * Variation of Consent * *

CONSENT CONSULTATION -- FISHERIES --- HYDROLOGY CONSERVATION --- LAND DRAINAGE

Consent No: AW1004901 **Grid Ref:** SO 1710 4630 **Date:** 5.12.90

We have received an application to discharge...Sewage Effluent

to...Bach Howey.....**at**...Painscastle Sewage Treatment works, Powys

Daily Flow (Max/D.W.F.) 60 m3/day

COMMENTS

Please return to Pat Sainsbury within 14 days of the date at the top of the page. If no reply has been received by this date we will assume that you have no comment to make.

Applicant/Agent: Welsh Water PLC

Address: Plas-y-Ffynnon
Cambrian Way
Brecon
Powys

tel: 0874 3181

NATIONAL RIVERS AUTHORITY
WATER ACT 1989

NRA

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. South East
Application No. AW1004901. (REVIEW)
Date Received: 29-11-90.

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. A. Lewis *Date* 28.11.90

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:

1a Full name and postal address of applicant. (See note 4.) *Post Code:* *Daytime telephone number:*	WELSH WATER PLC PLAS-Y-FFYNNON, CAMBRIAN WAY BRECON, POWYS. LD3 7HP 0874 3181
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*

2a) *Address or other sufficient description of land or premises to which this application relates.*	PAINCASTLE SEWAGE TREATMENT WORKS, POWYS.
2b) *National Grid Reference of point of discharge.*	S0 1710 4630
2c) *District Council area.*	
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.*	ESTIMATED 136 SEWAGE FLOW 60 *m³/day* 0.7 *l/sec* CONTINUOUS
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.

A.	*TIDAL RIVER OR STREAM* ☐	E.	*INTO LAND* ☐
B.	*NON-TIDAL RIVER OR STREAM* ☑	F.	*ONTO LAND* ☐
C.	*CANAL* ☐	G.	*DIRECTLY INTO GROUNDWATER* ☐
D.	*LAKE, LOCH OR POND (not discharging to a river or stream)* ☐	H.	*INTO LAND AND WATERCOURSE* ☐
		I.	*COASTAL WATER (See Note 8.)* ☐

If A-D or H, state name of watercourse, if known:–

BACH HOWEY

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.*	a) 150 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)

**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~~* Ref. ~~AL 100/401~~ AW 1004901

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 85 ~~*Summer~~ ~~*Winter~~
b) *Give details of the treatment plant to be used (see note 11)*	SEPTIC TANK FILTER HUMUS TANK, GRAVEL BED

FOR TRADE EFFLUENT AND SEWAGE DISCHARGES CONTAINING TRADE EFFLUENT

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

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

**Delete as necessary*

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	:	m^3/day
b) State flow at which storm discharge will commence	:	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?

WEP/24/D5

AW 1004901

CONSENT VARIATION

RIVERS (CONTROL OF POLLUTION) ACTS 1951-1961

THE WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

I am directed by the Secretary of State for Wales to refer to the discharge consent in respect of the .RAINSCASTLE... sewage treatment works dated .25..OCTOBER.. 1971.

The Secretary of State for Wales, having consulted with the Welsh Water Authority, hereby gives notice that in exercise of his powers under Articles 4(8) and 8 of the Water Authorities (Control of Discharges) Order 1978 (SI 1978 No 1210), the conditions imposed on the said consent shall be varied in the following terms:

CONDITIONS

The quality and quantity of effluent shall not exceed the following maximum values:

Biochemical Oxygen Demand (+ ATU) over 5 days at 20°C;....39..... milligrames per litre.

Suspended Solids dried at 105°C; .....60..... milligrams per litre.

Ammoniacal ammonia expressed as nitrogen ..-.....milligrams per litre.

Dry Weather Flow ..... ~~litres per second or~~ ..14..... metres cubed per day.

Maximum rate of flow 0.5 litres per second or 41 metres cubed per day.

This variation takes effect from the ..30. January 1985.

This notice should be retained with the consent dated 25..OCTOBER.1971.

WEP Division
Welsh Office