

Water Resources Act 1991
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 CG0139002

Nature of Discharge(s): SEWAGE EFF/STORM EFF/RAINFALL
at BONTDDU STW-SCREENED STORM AND

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:



CG0139002_2006_03_01

Post Code:

Date of Transfer to new Holder(s);

Signed: **Dated:**

Name (block capitals): **Position:**

(to be completed on behalf of someone holding)

WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 & 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE

WHEREAS

1. The WELSH WATER AUTHORITY (hereinafter referred to as 'the Water Authority') proposes to discharge screened storm sewage and screened crude sewage in an emergency from the Bontddu Sewage Treatment Works Pumping Station to the Afon Cwmillechen (Afon Ddu) at national grid reference SH 6706 1860 as shown on the attached plan.
2. The proposals require the consent of the Secretary of State for WALES in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984 (hereinafter referred to as 'the Regulations').
3. In accordance with the provisions of Regulation 2 of the Regulations the Water Authority have submitted the proposals to the Secretary of State in the form of an application for consent dated 12 January 1989.

THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the conditions specified in the Schedule hereto attached.

Dated this 31 day of January
1989

Signed
A. R. Jones

On behalf of the Secretary
of State for Wales

SCHEDULE

Conditions prescribed for the discharge of screened sewage in an emergency under dry or wet weather conditions and the discharge of diluted storm sewage under wet weather conditions at the Bontddu Sewage Treatment Works Pumping Station to the Afon Cwmllechen (Afon Ddu) at Grid Reference SH 6706 1860

"Sewage" can mean domestic sewage only or in admixture with industrial waste water(s).

1. The effluent discharged shall be:
 - a. screened sewage discharged in an emergency only under wet or dry weather conditions. For the purposes of this consent an emergency means, subject to what is said below, an electrical or mechanical breakdown of such severity as to render the station fully inoperable, or a rising main blockage. The foregoing definition of "emergency" shall not include station shut-down to enable routine maintenance or station up-rating works to be carried out.
 - b. screened diluted storm sewage under wet weather conditions.
2. The screens at the station shall be adequately maintained and cleaned at sufficiently frequent intervals to prevent unscreened sewage reaching the watercourse.
3. For discharges of the kind described in paragraph 1(a) the following conditions apply:-
 - a. The station shall be equipped with an automatic remote alarm system to give warning of an emergency. The equipment shall be satisfactorily maintained. One hundred per cent standby capacity shall be provided for pumps, motors and electrical equipment which shall operate automatically in the event of duty pump failure.

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b. All events resulting in screened crude sewage discharges to the river from the pumping station during an emergency shall be reported to the Welsh Office (HMIP) giving: reason(s) for the failure; the duration of the discharge; a record of remedial action(s) taken and the timing thereof; and a description of the measures which have been taken or might be reasonably taken by the Welsh Water Authority or their agents, with an indication of the timescale involved, to prevent reoccurrences. The state of the river at the time of the discharge in question, that is spate, average, low or very low, shall be noted in the Report which shall be submitted to the Welsh Office (HMIP) within one calendar month of the commencement of the discharge. Should dilution in the river be low or very low at the time of the discharge the Report shall include a biologist's comments on any or possible damage caused to the biological communities in the river as well as on any adverse effects on river uses and users downstream.

4. For discharges of the kind described in paragraph 1(b) the following condition applies:

a. Screened storm sewage discharges to the river may only comprise the excess represented in flows greater than 3.1 litres per second in the main sewer.

5. This consent shall come into force on the works commissioning date. The Authority shall inform the Welsh Office (HMIP) of the commissioning date at least one calendar month prior to this date.

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NO REF WEP/WS 011/10
WNA REF CH 0130002

WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 & 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE

WHEREAS

1. The WELSH WATER AUTHORITY (hereinafter referred to as 'the Water Authority') proposes to discharge screened storm sewage and screened crude sewage in an emergency from the Pontfryn Sewage Treatment Works Pumping Sta 1A, to the Afon Cwmillechen (Afon Ddu) at national grid reference SH 6700 1100 as shown on the attached plan.
2. The proposals require the consent of the Secretary of State for WALES in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984 (hereinafter referred to as 'the Regulations').
3. In accordance with the provisions of Regulation 2 of the Regulations the Water Authority have submitted the proposals to the Secretary of State in the form of an application for consent dated 12 January 1989.

THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the conditions specified in the Schedule hereto attached.

Dated this 31 day of January
1989

Signed
K. L. Evans

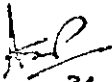
On behalf of the Secretary
of State for Wales

SCHEDULE

Conditions prescribed for the discharge of screened sewage in an emergency under dry or wet weather conditions and the discharge of diluted storm sewage under wet weather conditions at the Bontidu Sewage Treatment Works Pumping Station to the Afon Cwmllechyn (Afon Ddu) at Grid Reference SN 6736 1860

"Sewage" can mean domestic sewage only or in admixture with industrial waste water(s).

1. The effluent discharged shall be:
 - a. screened sewage discharged in an emergency only under wet or dry weather conditions. For the purposes of this consent an emergency means, subject to what is said below, an electrical or mechanical breakdown of such severity as to render the station fully inoperable, or a rising main blockage. The foregoing definition of "emergency" shall not include station shut-down to enable routine maintenance or station up-rating works to be carried out.
 - b. screened diluted storm sewage under wet weather conditions.
2. The screens at the station shall be adequately maintained and cleaned at sufficiently frequent intervals to prevent unscreened sewage reaching the watercourse.
3. For discharges of the kind described in paragraph 1(a) the following conditions apply:-
 - a. The station shall be equipped with an automatic remote alarm system to give warning of an emergency. The equipment shall be satisfactorily maintained. One hundred per cent standby capacity shall be provided for pumps, motors and electrical equipment which shall operate automatically in the event of duty pump failure.


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b. All events resulting in screened crude sewage discharges to the river from the pumping station during an emergency shall be reported to the Welsh Office (HMIP) giving: reason(s) for the failure; the duration of the discharge; a record of remedial action(s) taken and the timing thereof; and a description of the measures which have been taken or might be reasonably taken by the Welsh Water Authority or their agents, with an indication of the timescale involved, to prevent recurrence. The state of the river at the time of the discharge in question, that is state, average, low or very low, shall be noted in the Report which shall be submitted to the Welsh Office (HMIP) within one calendar month of the commencement of the discharge. Should dilution in the river be low or very low at the time of the discharge the Report shall include a biologist's comments on any or possible damage caused to the biological communities in the river as well as on any adverse effects on river uses and users downstream.

4. For discharges of the kind described in paragraph 1(b) the following condition applies:

a. Screened storm sewage discharges to the river may only comprise the excess represented in flows greater than 3.1 litres per second in the main sewer.

5. This consent shall come into force on the works commissioning date. The Authority shall inform the Welsh Office (HMIP) of the commissioning date at least one calendar month prior to this date.

discharge
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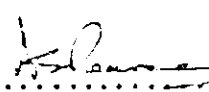
WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 & 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE

WHEREAS

1. The WELSH WATER AUTHORITY (hereinafter referred to as 'the Water Authority') proposes to discharge biologically treated sewage effluent from the Pontdu Sewage Treatment Works to the Afon Cwmlicehen (Afon Ddu) at national grid reference SH 6706 1659 as shown on the attached plan.
2. The proposals require the consent of the Secretary of State for WALES in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984 (hereinafter referred to as 'the Regulations').
3. In accordance with the provisions of Regulation 2 of the Regulations the Water Authority have submitted the proposals to the Secretary of State in the form of an application for consent dated 12 January 1989

THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the conditions specified in the Schedule hereto attached.

Signed Dated this 31 day of January
1989On behalf of the Secretary
of State for Wales

SCHEDULE

Conditions prescribed for the discharge of biologically treated sewage effluent to the Afon Ddallachen (Afon Dda) at the Pontdu Sewage Treatment Works.

"Sewage" can mean domestic sewage alone or in admixture with industrial waste water(s).

1. The nature of the effluent shall be biologically treated sewage effluent.
2. Adequate facilities shall be provided for the Secretary of State's representative so as to enable samples of the effluent to be conveniently obtained at grid reference SH 6706 1659
3. The Welsh Water Authority shall take samples of the effluent in accordance with the relevant provisions of the Authority's sampling periodicity guidelines for the time being in force and approved for this purpose by the Secretary of State (and as may be indicated below) and shall keep records of such samples and the results of analyses thereof for inspection by the Secretary of State's authorised representative.
4. The volume of effluent under dry weather conditions shall not exceed 65.6 cubic metres in any period of 24 hours.
5. The maximum rate of flow discharged to the river at any time shall not exceed 3.1 litres per second. All sewage flow rates up to the maximum quoted above shall receive biological treatment.
6. The analytical methods used for determining compliance or otherwise with this consent shall be assumed to be those specified in the latest edition of "Methods for the Examination of Waters and Associated Materials" published by HMSO. Other methods of analysis may be used as alternatives to those specified in the above named publication providing that Secretary of State is

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satisfied that they give comparable or better performance characteristics. Such other methods shall be submitted for approval to the Secretary of State together with all necessary supporting evidence.

7. The quality of the effluent discharged to the river at all flow rates up to the maximum quoted in 5 above, shall not be inferior to the following numerical quality limits (determinands) save as provided for in the Annex (by reference to the table included therein) to this Schedule.


7a. The Suspended Solids concentration (filtered at 55 degrees Celsius) shall not exceed 100 milligrams per litre.

7b. The BOD (Biochemical Oxygen Demand) concentration determined in the presence of 0.5 milligrams per litre of allyl-thiourea shall not exceed 65 milligrams per litre.

8. All the preceding provisions of this consent shall come into operation one calendar month after the works commissioning date should the commissioning date be in summer and after two calendar months should the commissioning date be in winter.+ During the commissioning period, that is from the works commissioning date to the date when all the provisions of this consent come into operation, the following condition shall apply:

1. During the commissioning period the Welsh Water Authority shall make every reasonable effort to maintain at all times a biomass/organic load relationship commensurate with full commissioning within the time scale allocated and at the same time maintaining the minimum possible pollutional load on the river in terms of flows and determined concentrations emanating from the biological treatment units. The Authority shall inform the Welsh Office (HMIP) of the commissioning date at least one calendar month prior to this date.

NOTE: +For the purposes of this consent "winter" shall be understood to commence on 31 October and finish on 31 March and "summer" to commence on 1 April and finish on 30 October.

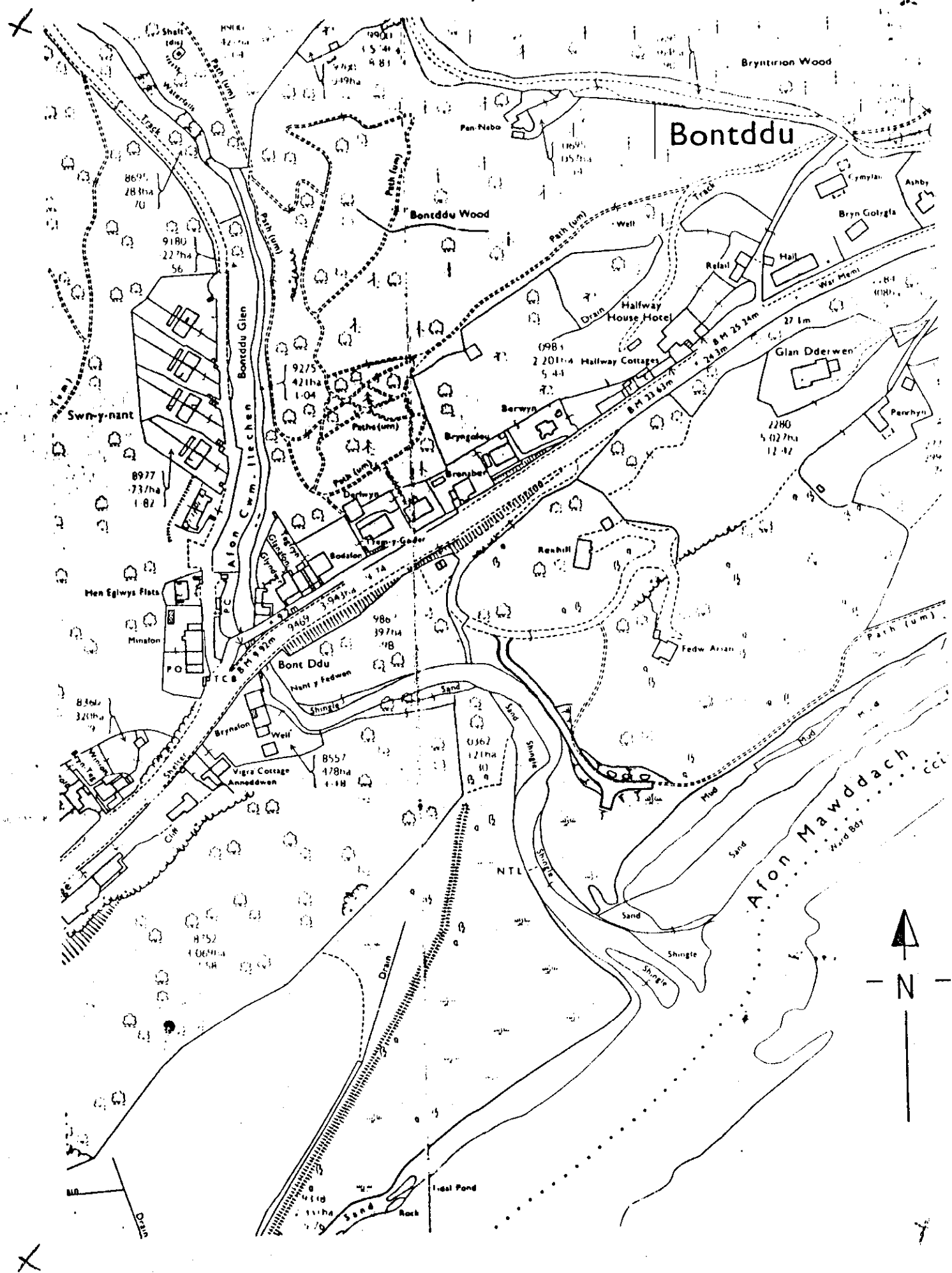

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ANNEX

Where the number of samples taken in one year (that is from the 1 April to the 31 March) falls within any of the ranges given in Column 1 of the table below, the number of samples which are inferior to a specified numerical quality limit determinand set in Paragraph 7, and where relevant, Paragraph 3 of the Schedule shall not exceed the appropriate permitted number as listed in Column 2. A sample shall only be considered as having failed in relation to the particular determinand(s) for which the specified quality limit is exceeded. A sample shall be considered to be satisfactory in relation to other determinands, the concentration of which, are equal to or lower than the specified limit.

TABLE

Column 1	Column 2
Series of samples taken in any year	Maximum number of samples in which the same numerical quality limit may be exceeded.
4-7	1
8-16	2
17-23	3
24-40	4
41-53	5
54-67	6
68-81	7
82-95	8
96-110	9
111-125	10
126-140	11
141-155	12
156-171	13
172-187	14
188-203	15
204-219	16
220-235	17
236-251	18
252-268	19
269-284	20
285-300	21
301-317	22
318-334	23
335-350	24
351-365	25



LOCATION PLAN

SCALE 1:2500