Consent to Discharge

Water Resources Act 1991 (as amended by the Environment Act 1995)

Consent Holder	**Operations Manager**
	National Trust
	Kemble Drive
	Swindon
	Wiltshire
	SN2 2NA
Consent to Discharge from	**Hall and Mill Cottages**
	Bodnant Garden
	Tal-y-Cafn
	Conwy
	LL28 5RE
Consent Number	**NPSWQD003926**

Environment Agency ,
PO Box 4209, Sheffield, S9 9BS. Tel 08708 506 506

Consent to Discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)

ENVIRONMENT AGENCY

Consent to Discharge

Consent Number
NPSWQD003926

To:
Operations Manager ("the Consent Holder")
National Trust
Kemble Drive
Swindon
Wiltshire
SN2 2NA

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991(as amended by the Environment Act 1995) hereby consents to the making of a discharge:

Of:
Secondary treated sewage effluent and trade effluent ("the Discharge")

From:
The sewage treatment plant

At:
Hall and Mill Cottages, Bodnant Garden, Tal-y-Cafn, Conwy, LL28 5RE

To:
Afon Hiraethlyn

Subject to the conditions set out in this notice of Consent to Discharge.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991(as amended by the Environment Act 1995), no notice shall be served by the Agency, altering this consent, without the agreement of the Consent Holder, during a period of 4 years from the date this notice is issued.

This Consent is granted on:	8th October 2008
This Consent takes effect on:	8th October 2008

Signed

Christopher Hall

Christopher Hall – National Permitting Team Leader

1 Conditions of Consent for secondary treated sewage effluent and trade effluent

1.1 Nature

1.1.1 The Discharge shall consist solely of secondary treated sewage effluent and trade effluent.

1.2 Place of Discharge

1.2.1 The Discharge shall be made in the manner and at the place specified as:

a discharging to Afon Hiraethlyn;

b at National Grid Reference SH 79741 72252;

c shown marked “OUTLET” on Site Plan attached to this consent.

1.3 Sampling Point Requirements

1.3.1 A sample point shall be provided and maintained at National Grid Reference SH 79718 72255 as shown marked “SAMPLE POINT” on the Site Plan attached to this consent, so that a representative sample of the Discharge may be obtained. The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown that any sample of the Discharge taken at the said sampling point is a sample of what was discharging into controlled waters.

1.4 Volume

1.4.1 The volume of the Discharge shall not exceed 13.4 cubic metres per day.

1.5 Flow Measurement

1.5.1

a **At the request of the Agency**, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency, to enable the daily volume and/or instantaneous flow of sewage through the sewage treatment plant to be recorded.

b The Consent Holder shall calibrate, operate and maintain the flow monitoring and recording system to a standard agreed or specified by the Agency. The flow and maintenance records shall be provided to the Agency as and when requested.

1.6 Composition

1.6.1 The Discharge shall not contain more than:

a 20 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20^{o}C with nitrification suppressed by the addition of allyl-thiourea)

b 30 milligrammes per litre of suspended solids (measured after drying at 105^{o}C)

c 15 milligrammes per litre of ammoniacal nitrogen (expressed as N)

1.6.2 As far as is reasonably practicable, the sewage treatment plant shall be operated so as to prevent the Discharge from containing any visible oil or grease.

1.7 Urban Waste Water Treatment Regulations

1.7.1

a The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ('the Regulations').

b For the purpose of condition 1.7.2 below, interpretations and references to a numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.

1.7.2

a The Discharge derives from an agglomeration with a population equivalent of less than 2,000 discharging to freshwaters.

b The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.

c The Discharge shall be subject to Regulation 5(7) and satisfy the requirements of Regulation 5(8)(a).

1.8 British Standard

1.8.1 The sewage treatment plant shall conform to all relevant British Standards in place at the time of installation.

1.9 Works Operation

1.9.1 The sewage treatment plant shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the plant on controlled waters.

This condition does not require -

a any higher standard to be achieved in relation to any characteristic of the Discharge which is specifically regulated by conditions 1.6.1 and 1.6.2 above than is required by those conditions;

b any alteration of the sewage treatment plant or a change in the type of treatment used.

1.10 Maintenance

1.10.1 The sewage treatment plant shall be operated and maintained in accordance with good operational practice such that:

a it remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;

b following a failure all equipment shall be returned to normal operation as soon as practicable;

c tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.

1.11 Recording and Reporting

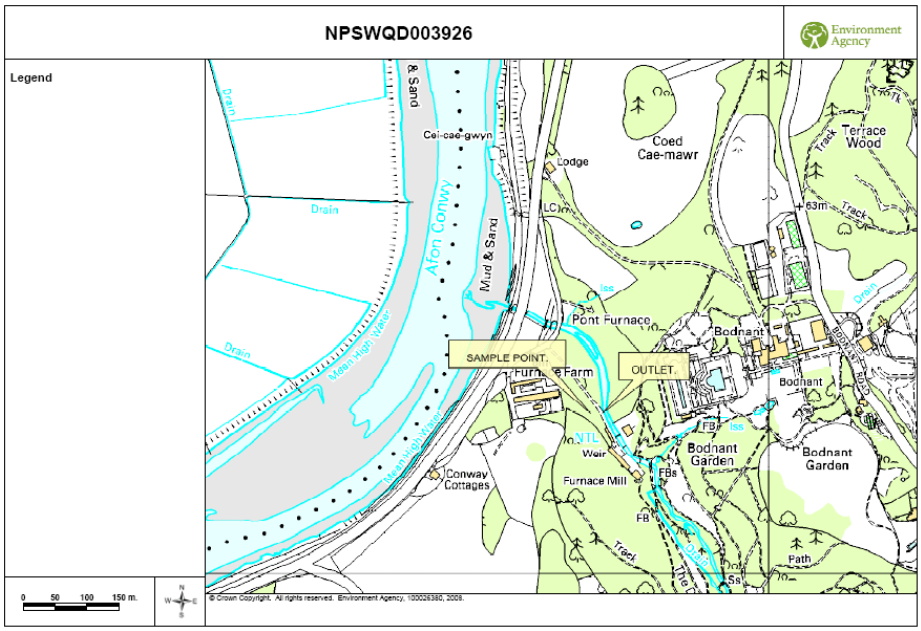
1.11.1

a The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.

b On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.

c The Consent Holder shall as soon as reasonably practicable report to the Agency all non-routine actions that may have adversely affected effluent quality.

2 Site plan


NPSWQD003926
Environment Agency
Legend
Drain
Sand
Cei-cae-gwyn
Afon Conwy
Mud & Sand
Coed Cae-mawr
Lodge
Terrace Wood
Track
63m
Drain
Pont Furnace
Bodnant
SAMPLE POINT.
OUTLET.
Mean High Water
Conway Cottages
Furnace Mill
Weir
Bodnant Garden
Path
0 50 100 150 m.