

Consent to Discharge

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

Consent Holder(s)	The National Trust Heelis, Kemble Drive, Swindon, SN2 2NA.
Consent to Discharge from	Dairy Block, Plas Newydd Country House & Gardens, Llanfairpwllgwyngyll, Anglesey, LL61 6DQ.
Consent Number	NPSWQD009610

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



Consent to Discharge

Consent Number:
NPSWQD009610

To:
The National Trust ("the Consent Holder(s)")
Heelis,
Kemble Drive,
Swindon,
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 containing no trade effluent ("the Discharge")

From:
The sewage treatment plant

At:
Dairy Block, Plas Newydd Country House and Gardens,
Llanfairpwllgwyngyll, Anglesey, LL61 6DQ

To:
The Menai Strait

Subject to the conditions set out in this 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 Consent takes effect.

This Consent is granted and takes effect on: 17th February 2010

Signed

A handwritten signature in black ink, appearing to read "Christopher Hall", enclosed within a rectangular box.

Christopher Hall
National Permitting Team Leader

1 **Conditions of Consent for secondary treated sewage effluent containing no trade effluent**

1.1 **Nature**

1.1.1 The Discharge shall consist solely of secondary treated sewage effluent containing no 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 the Menai Strait;
- b at National Grid Reference SH 52171 69746;
- c shown marked "OUTLET" on the Site Plan attached to this consent.

1.3 **Sampling Point Requirements**

1.3.1

- a A sample point shall be provided and maintained at National Grid Reference SH 51799 69777, as shown marked 'SAMPLE POINT' on the attached Site Plan, or some other point as agreed in writing with the Agency, so that a representative sample of the Discharge may be obtained.
- b 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 being discharged into controlled waters

1.4 **Volume**

1.4.1 The volume of the Discharge shall not exceed 9 cubic metres per day.

1.5 **Flow Measurement**

1.5.1 At the request of the Agency:

- a A continuous flow measurement and recording system ("the flow system") that complies with MCERTS Flow Monitoring scheme shall be provided by a date specified by the Agency and operated to record the total daily volume of the Discharge;
- b The flow system shall also measure and record the instantaneous flow at least every 15 minutes or the 15-minute average flow every 15 minutes. The Consent Holder shall provide and operate on-site visual display from which the Agency can readily obtain the instantaneous or 15-minute average flow readings;
- c The Consent Holder shall hold records of the total daily volume and the 15-minute flow readings;
- d As soon as reasonably practicable after installation of the flow system and before the expiry of any certificate issued, the Consent Holder shall employ an independent expert to clarify that the flow system complies with the MCERTS Flow Monitoring scheme;

- e The Consent Holder shall immediately on issue provide a copy of the MCERTS certificate to the Agency and shall provide a copy of the independent expert's report to the Agency on request.
- f The Consent Holder shall ensure that the flow system is always subject to a current MCERTS certificate;
- g The Consent Holder shall produce and maintain a documented procedures for the calibration, operation and maintenance of the flow system ("maintenance procedures");
- h The Consent Holder shall employ an independent expert to certify that the maintenance procedures comply with the MCERTS requirements;
- i The Consent Holder shall calibrate, operate and maintain the flow system in accordance with the maintenance procedures. The Consent Holder shall keep a record of the maintenance procedures and maintenance records available for inspection of the Agency and provide a copy to the Agency on request;
- j The Consent Holder shall produce and maintain a formal Quality Management System ("QMS" for the management of the flow system and the implementation of the maintenance procedures. An appropriate independent certifier shall certify the QMS;
- k The Consent Holder shall record all failures of the flow system and any other breaks in the flow record. The reasons for all failures and breaks that lead to missing or suspect total daily volume records and all steps taken to prevent a re-occurrence shall be recorded;
- l The Consent Holder shall ensure that the flow system remains fully operational at all times and shall remedy any failures as soon as reasonably practicable.
- m The Consent Holder shall provide records of the flow readings and the reasons for any significant breaks in the record when requested, in a format specified by the Agency.

1.6 Composition

1.6.1 The Discharge shall not contain more than:

- a 40 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
- b 60 milligrammes per litre of suspended solids (measured after drying at 105°C);

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

Works Operation

1.8.1

- a The works 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 works on controlled waters.
- b This condition does not require
 - i. any higher standard to be achieved in relation to any characteristic of the discharge which is specifically regulated by Condition 1.6 than is required by that condition
 - ii. any alteration of the sewage treatment works or a change in the type of treatment.

1.9

Maintenance

1.9.1

- 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 to maintain their effective operation and in such a manner to prevent excessive carryover of suspended solids

1.10

Recording and Reporting

1.10.1

- 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.

