

Consent to Discharge

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

Consent Holders

**Mr R Workman, Mr G Workman and Mrs
R Hordley
Shell Island
Llanbedr
Gwynedd
LL45 2PJ**

Consent to Discharge from

**Shell Island
Llanbedr
Gwynedd
LL45 2PJ**

Consent Number

NPSWQD005745

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:

NPSWQD005745

To:

Mr R Workman, Mr G Workman and Mrs R Hordley ("the Consent Holders")

Shell Island

Llanbedr

Gwynedd

LL45 2PJ

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 serving a toilet and shower block

At:

Shell Island, Llanbedr, Gwynedd, North Wales

To:

the Artro Estuary via an unnamed watercourse

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: 10 July 2009.

Signed

A handwritten signature in black ink, reading "Carl Sweeney", enclosed within a rectangular box.

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 Artro Estuary via an unnamed watercourse;
- b** at National Grid Reference SH 56251 27251;
- c** shown marked "OUTLET and SAMPLE POINT" on the Site Plan B attached to this consent.

1.3 **Sampling Point Requirements**

1.3.1 The outlet to controlled waters shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SH 56251 27251.

1.4 **Volume**

1.4.1 The volume of the Discharge shall not exceed 5 cubic metres per day.

1.5 **Composition**

1.5.1 The Discharge shall not contain more than:

- a** 20 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
- b** 30 milligrammes per litre of suspended solids (measured after drying at 105°C);
- c** 10 milligrammes per litre of ammoniacal nitrogen (expressed as N);

1.5.2 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.

1.6 **British Standard**

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

1.7

Works Operation

1.7.1

- 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 1.5 than is required by that condition
 - ii. any alteration of the sewage treatment works or a change in the type of treatment.

1.8

Maintenance

1.8.1

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.

1.9

Recording and Reporting

1.9.1

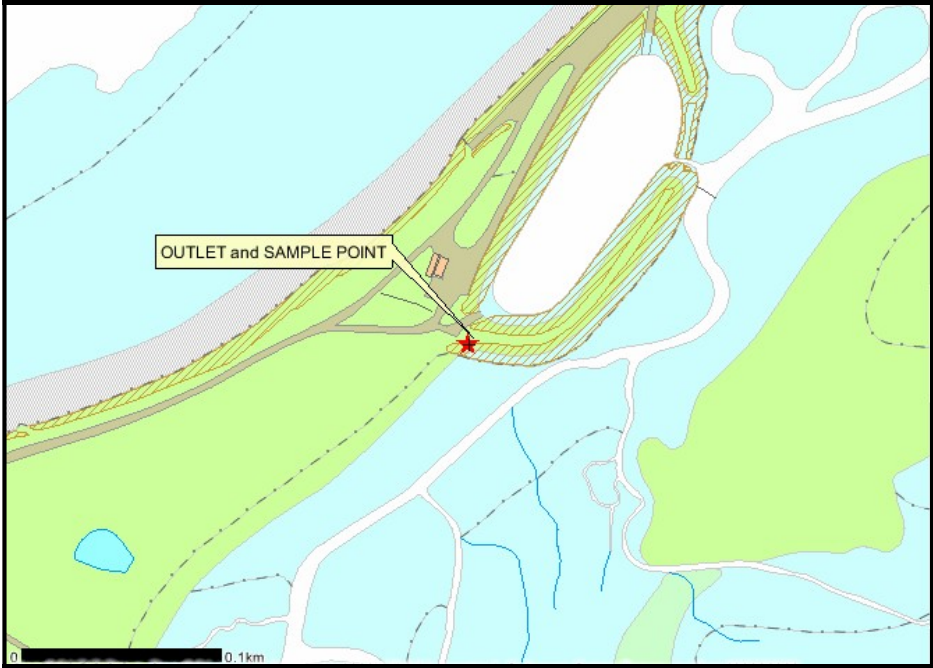
- a** The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- b**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

Site Plan

Site Plan A – location of site



Site Plan B – location of discharge and sample points



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