

Consent to Discharge

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

Consent Holder

Mike Osborne

Mike Osborne Properties Limited

Keepers Cottage

Snelston

Ashbourne

Derbyshire

DE6 2EP

Consent to Discharge from

Barrowhill Hall

Barrowhill

Rocester

Uttoxeter

Staffordshire

ST14 5BX

Consent Number

NPSWQD007943

Consent to Discharge

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



Consent to Discharge

Consent Number:
NPSWQD007943

To:
**Mike Osborne ("the Consent Holder")
Mike Osborne Properties Limited
Keepers Cottage
Snelston
Ashbourne
Derbyshire
DE6 2EP**

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 the nursing home

At:
Barrowhill Hall, Barrowhill, Rocester, Uttoxeter, Staffordshire

To:
The River Churnet

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: 23rd September 2009

Signed

A black rectangular box representing the signature of Jeremy Cheetham.

**Jeremy Cheetham
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 River Churnet;
- b** at National Grid Reference SK 10788 40467;
- c** shown marked "OUTLET AND SAMPLE POINT" on the Site Plan 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 SK 10788 40467.

1.4 **Volume**

1.4.1 The volume of the Discharge shall not exceed 31.5 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 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;
- k** 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.
- l** 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);
- c** 30 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 visible oil or grease.

1.7 **Works Operation**

1.7.1

- a** The sewage treatment plant shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the effects of the Discharge made from the sewage treatment plant on the quality of the receiving 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.

1.8

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.

Site Plan



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