

CASM.0970,



Consent to discharge

Water Resources Act 1991

Consent Holder:

Mr Russell Hill

**Spencers Barn, Froxfield, Petersfield, Hampshire,
GU32 1EB**

Consent to Discharge from:

**Spencers Barn, Froxfield, Petersfield, Hampshire,
GU32 1EB**

Consent Number: S/WR 0970

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Consent history

Detail	Issued Date	Comment
Consent S/WR 0970	17 NOV 2003	

Consent to discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)
Groundwater Regulations 1998



**ENVIRONMENT
AGENCY**

Consent to discharge

Consent number: S/WR 0970

To:

Mr Russell Hill

**Spencers Barn, Froxfield, Petersfield, Hampshire, GU32
1EB**

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) and the Groundwater Regulations 1998 hereby consents to the making of a discharge of:

biologically treated sewage effluent containing no trade effluent

From: **the sewage treatment works**

At: **Spencers Barn, Froxfield, Petersfield, Hampshire, GU32 1EB**

To: **Borehole (Upper Chalk)**

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

Under the provisions of Regulation 11 of the Groundwater Regulations 1998, the Agency will review this Consent at least every 4 years and may renew, amend or revoke the Consent in writing at any time.

This consent is issued on: 17 November 2003

This consent takes effect on: 17 November 2003

Signed

Neil Martin, Environment Officer

Conditions of consent for Biologically Treated Sewage Effluent containing no trade effluent

1.1 Start date

There shall be no discharge under the terms of this consent until the 17 November 2003.

1.2 Nature

The Discharge shall consist solely of biologically treated sewage effluent deriving from domestic sewage and containing no trade effluent.

1.3 Place of Discharge

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

- a discharging to groundwater via a borehole
- b at National Grid Reference SU 7182 2683
- c shown marked A on Site Plan attached to this consent.

1.3.2 The borehole shall be constructed to comply with the following:

- a The borehole shall not penetrate more than 5 metres into the Upper Chalk;
- b no part of the borehole shall be below the saturated groundwater level;
- c there is no connection to any watercourse or land drainage system;
- d no part of the borehole is situated within 10 metres of any ditch or watercourse;
- e no part of the borehole is within 50 metres of a well or borehole;
- f no part of the borehole is within 500 metres of any well, spring or borehole used for potable water supply.

1.4 Sampling Point Requirements

A sample point shall be provided and maintained at National Grid Reference SU 7181 2683, as shown marked "Discharge Sample Point" on 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 being discharged into groundwater.

1.5 **Volume**

The Volume of the Discharge shall not exceed 1 cubic metres per day.

1.6 **Composition**

1.6.1 **List 1 & 2 Substances**

- a** There shall be no direct or indirect discharge of List 1 substances (as set out in Section 2 of this consent) to groundwater;
- b** The discharge of List 2 substances (as set out in Section 2 of this consent) shall be restricted to minimise the impact on and prevent pollution of groundwater.

1.6.2 **Oil**

As far as is reasonably practicable, the works shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease.

1.7 **Works Operation**

- 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 groundwaters.
- b** This condition does not require any alteration of the works or a change in the type of treatment used.

1.8 **Maintenance**

The works 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**

- 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 ANNEX 2.

Summary listing of the substances to be controlled under the Groundwater Regulations 1998.

List One. "List One" substances are the most toxic and must be prevented from entering groundwater. They include pesticides, sheep dip and solvents.

- Organohalogen compounds and substances which may form such compounds in the aquatic environment
- Organophosphorus (OP) compounds
- Organotin compounds
- Substances which possess carcinogenic, mutagenic, or teratogenic properties in or via the aquatic environment (including substances which may have those properties which would otherwise be in list two)
- Mercury and its compounds
- Cadmium and its compounds
- Mineral oils and hydrocarbons
- Cyanides

List Two "List Two" substances are less dangerous but, if disposed of in large amounts, could be harmful to groundwater. Entry of these substances into groundwater must be restricted.

- The following metals and metalloids and their compounds

Zinc	Antimony	Uranium
Copper	Molybdenum	Vanadium
Nickel	Titanium	Cobalt
Chromium	Tin	Thallium
Lead	Barium	Tellurium
Selenium	Beryllium	Silver
Arsenic	Boron	

- Biocides (including pesticides) and their derivatives not appearing in list one
- Substances which have a deleterious effect on the taste or odour of groundwater, and compounds liable to cause the formation of such substances in such water and to render it unfit for human consumption.
- Toxic or persistent organic compounds of silicon, and substances which may cause the formation of such compounds in water, excluding those which are biologically harmless or are rapidly converted in water into harmless substances.
- Inorganic compounds of phosphorus and elemental phosphorus
- Fluorides
- Ammonia and nitrites

Site Plan

