



**ENVIRONMENT
AGENCY**

Consent to discharge

Water Resources Act 1991

**Wessex Water Services
Limited**

Operations Centre
Claverton Down Road
Claverton Down
Bath
BA2 7WW

**Consent to discharge
from:**

Jubilee Lane Pumping
Station
Cromhall
Wotton-under-Edge
South Gloucestershire
GL12 8AU

Consent number

103286

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Consent history

Detail	Date	Comment
New Discharge		
Consent Reference: 103286	Issued:	Effective: 01/04/2007

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
103286

To:
**Wessex Water Services Limited ("the Consent Holder"), Operations
Centre, Claverton Down Road, Claverton Down, Bath, BA2 7WW.**

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 discharges of:
Storm Sewage and Sewage Discharged in an Emergency.

From:
Jubilee Lane Pumping Station.

At:
Cromhall, Wotton-under-Edge, South Gloucestershire GL12 8AU.

To:
The Dyer's Brake.

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, 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 takes effect on 1st April 2007, or on the commissioning of the
works whichever is the sooner.

This consent is issued on:

25th July 2006

Signed

1 Conditions of Consent for Storm Sewage and Sewage Discharged in an Emergency

1.1 Nature

1.1.1 The Discharge shall consist solely of storm sewage and/or sewage discharged in an emergency in accordance with condition 1.1.2 below.

1.1.2 The Discharge in an emergency shall only occur when the sewage pumping station is inoperative as a result of one or more of the following:

- a** electrical power failure not due to the act or default of the Consent Holder, its agents, representatives, officers, employees or servants;
- b** mechanical breakdown of duty and standby pumps;
- c** rising main failure;
- d** blockage of the downstream sewer not due to the act or default of the Consent Holder, its agents, representatives, officers, employees or servants;

and it is not reasonably practicable to dispose of the sewage otherwise. There shall be no undue delay on the part of the Consent Holder in remedying any such failure or breakdown.

1.2 Location

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

- a** discharging to the Dyer's Brake.
- b** at National Grid Reference ST 6942 8952.

1.3 Volume

1.3.1 The Dry Weather Flow arriving at the pumping station shall not exceed 112 cubic metres per day.

For the purpose of this condition "Dry Weather Flow" shall mean the average daily flow arriving at the pumping station during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.

1.3.2 The discharge of storm sewage shall occur when, and only for as long as:

- a** the flow arriving at the pumping station exceeds 12 litres per second, as a result of rainfall and/or snowmelt; and
- b** the pumps are passing forward at least 12 litres per second; and
- c** the sewage storage facility is fully utilised.

The sewage storage facility shall be emptied and its contents shall be automatically returned to the pass forward flow as soon as practicable after the cessation of the overflow.

- 1.3.3 The discharge in an emergency shall only occur when the sewage storage facility is fully utilised. The sewage storage facility shall be emptied and its contents automatically returned to the pass forward flow as soon as practicable.
- 1.3.4 A sewage storage facility of at least 28 cubic metres design capacity shall be provided in the pumping station wet well above the duty pump switch on level.
- 1.3.5 The sewage storage facility shall only be utilised when;
- a** the rate of flow arriving at the pumping station is in excess of 12 litres per second due to rainfall and/or snowmelt; and
 - b** the pumps are passing forward at least 12 litres per second; or
 - c** the pumping station is inoperative as described in 1.1.2.

1.4 Composition

- 1.4.1
- a** The Discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6 millimetres in two dimensions.
 - b** The screening device shall be maintained in an efficient operational condition.
 - c** All screenings must be removed and disposed of in a manner such as to prevent entry to the discharge.

1.5 Sample point conditions

- 1.5.1 An appropriately labelled sample point shall be provided and maintained at National Grid Reference ST 6942 8951, 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.

1.6 Recording and reporting

- 1.6.1
- a** The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected the operation of the pumping station. 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 the operation of the pumping station.

1.7 Telemetry

1.7.1

- a** A 24 hour response telemetry alarm system shall be provided and maintained to give notification of failure or breakdown of the pumping station.
- b** The Consent Holder shall take all reasonable remedial measures to return the pumping station to normal operation, as soon as practicable after warning of failure or breakdown of the pumping station.

1.7.2

- a** A 24 hour response telemetry alarm system shall be provided and maintained to provide a notification in the event of operation of the emergency overflow.
- b** On request the Consent Holder shall supply the Agency with a written report on the operation of the emergency overflow.

1.8 Power

- 1.8.1** Facilities shall be provided so that a mobile stand-by generator may readily be installed at the pumping station in the event of electrical failure. The Consent Holder shall install and operate such a generator as soon as is practicable after an electrical failure.

1.9 Pumps

- 1.9.1** The duty pumps shall be maintained in good working order, and at least one stand-by pump shall be provided and maintained.
- 1.9.2** Stand-by pumps shall automatically activate should the duty pumps become inoperative for reasons other than power failure. The pumping station shall be maintained so that the pump shall automatically reactivate as soon as is practicable after the power is restored after interruption to the supply.

1.10 Tankering / pumping away

- 1.10.1** A tanker access facility at an appropriate location shall be provided and maintained to enable removal of sewage by tanker when necessary.
- 1.10.2** An external pumping equipment facility shall be provided and maintained for use in the event of installed pumps being inoperative.

1.11 Maintenance

- 1.11.1** The Consent Holder shall maintain the outfall pipe in an efficient operational condition, so as to minimise the probability of blockages or other failures, and shall implement periodic inspections of the integrity and performance of the outfall pipe.

1.12 **Unauthorised discharges**

1.12.1

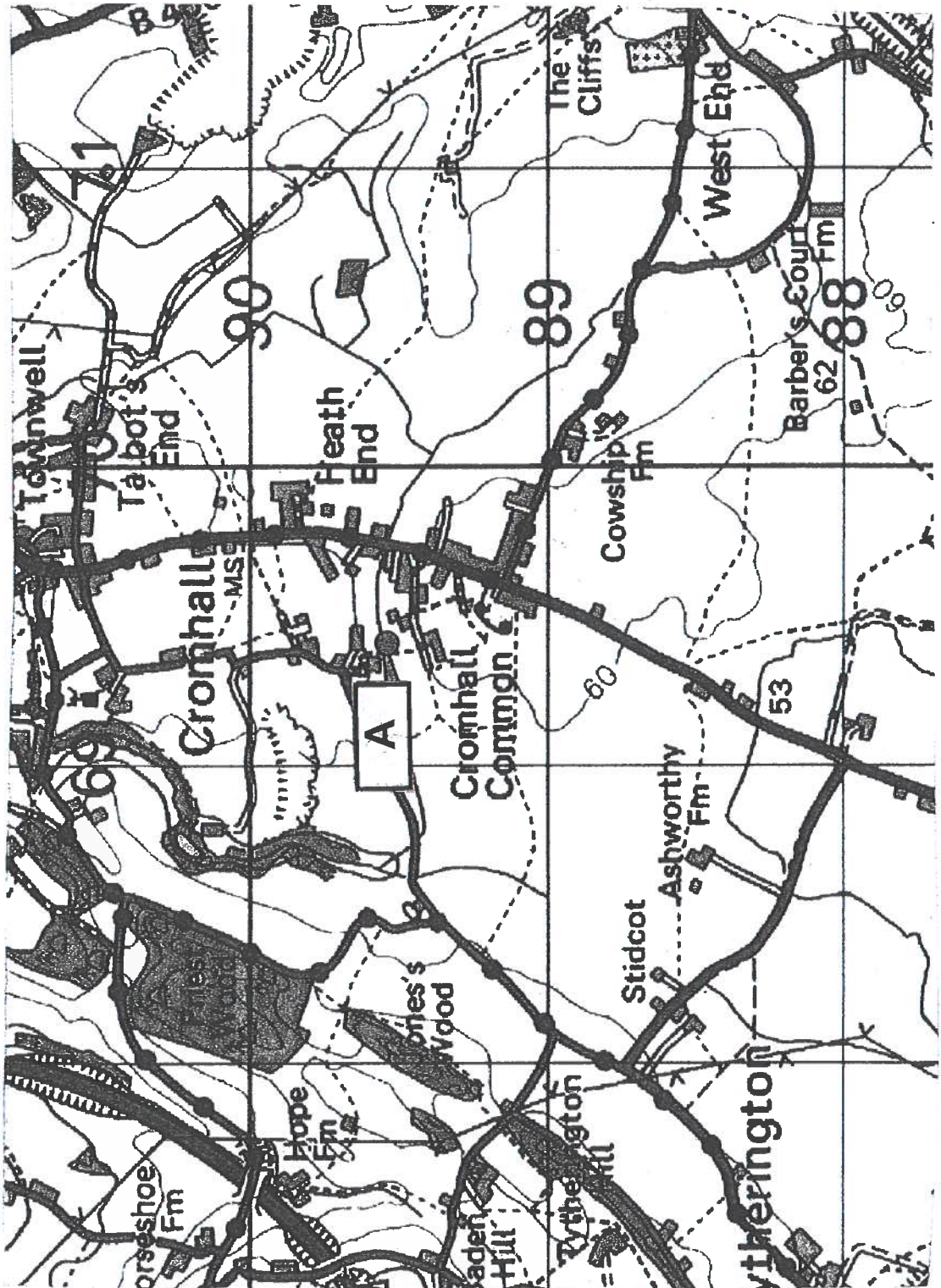
- a** A discharge made from the public sewer shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the public sewer.
- b** A discharge into the public sewer is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- c** Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under section 87 of the Water Resources Act 1991.

Plan Key

Plan Ref:	Description	National Grid Reference
A	Storm and Emergency Discharge Point	ST 6942 8952
B	Pumping Station and Sampling Point Location	ST 6942 8951

Site location plan

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Site layout plan

