



W00314 PR?

**ENVIRONMENT
AGENCY**

MODIFICATION OF CONSENT NO.	PP(A)38/48/H12/76
DATE OF MODIFICATION	31 January 2006

**ENVIRONMENT AGENCY
("the Agency")**

WATER RESOURCES ACT 1991

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

TO: Southern Water Services Limited ("the Consent Holder")
Southern House
Yeoman Road
Worthing
West Sussex BN13 3NX

WHEREAS the Southern Water Authority in pursuance of its powers under the Clean Rivers (Estuaries and Tidal Waters) Act 1960 **GRANTED CONSENT** to the Southern Water Authority to the making of several discharges of **SEWAGE EFFLUENT** on the 22nd day of February 1978, being subsequently varied on the 30th day of July 1979, and being subsequently modified on the 20th day of December 2000

FROM: Portswood Sewage Works, Portswood, Hampshire
(now known as Portswood Waste Water Treatment Works, Portswood, Hampshire)

TO: Tidal River Itchen

AT: National Grid Reference SU 4362 1484

The **AGENCY** in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby **GIVES NOTICE** that Consent PP(A)38/48/H12/76 is hereby modified as per the attached schedule, as follows:

Modification Schedule PP(A)38/48/H12/76 01 (M) - *For the purpose of implementing the Agency's flow measurement policy the conditions set out in this attached Schedule shall be added and appended to Consent PP(A)38/48/H12/76.*

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, as replaced by Schedule 22 of the Environment Act 1995, no notice shall be served by the Agency, which alters the effect of modifications made by this notice, without the agreement in writing of the Consent Holder, during a period of four (4) years from the date this notice is served.

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Dated this 31st day of January 2006

Signed 
Dawn Theaker - Team Leader Environment Management (Test)

NOTE: Consent PP(A)38/48/H12/76 is updated accordingly.
All other conditions of the Consent PP(A)38/48/H12/76 remain in force.
This Notice of Modification should be attached to the Consent PP(A)38/48/H12/76.

Consent History – for information purposes only

Consent Detail	Date	Comment
Consent issued	22 nd February 1978	-
Consent varied	30 th July 1979	-
Consent modified	20 th December 2000	UWWTR conditions
Consent modified	31 st January 2006	Flow measurement conditions

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CONDITIONS OF CONSENT TO DISCHARGE

TREATED SEWAGE EFFLUENT ("the Discharge")

**FROM: PORTSWOOD SEWAGE WORKS, PORTSWOOD, HAMPSHIRE
(NOW KNOWN AS PORTSWOOD WASTE WATER TREATMENT WORKS,
PORTSWOOD, HAMPSHIRE)**

CONSENT CONDITIONS TO IMPLEMENT FLOW POLICY

- 1 A continuous flow measurement and recording system, to a specification provided by the Agency, shall be provided and operated to record the total daily volume, and the instantaneous or 15-minute integrated flow every 15 minutes of sewage through the treatment works. An on-site visual display from which instantaneous or 15-minute integrated flow readings can be readily obtained by the Agency shall be provided and operated. The Consent Holder shall hold records of the flow readings.
- 2 As soon as practicable after completion of the flow system installation and subsequently on the expiry of any certificate issued, the Consent Holder shall employ an independent expert to certify that the installation and its quality management system complies with the Agency's specification. The independent expert shall be accredited to a competency scheme approved by the Agency. A copy of the certificate shall be sent to the Agency and the certifier's report shall be provided to the Agency on request. If a certificate issued for a flow system has no expiry date included then the certificate shall be deemed to expire five years after the issue date of the certificate.
- 3 The Consent Holder shall produce and maintain a documented quality management system, approved by the independent expert and to the satisfaction of the Agency, specifying procedures for the calibration, operation and maintenance of the flow measurement equipment. The flow measurement equipment shall be calibrated, operated and maintained by the Consent Holder in accordance with the provisions of the QMS. The Consent Holder shall keep a record of these procedures available for inspection by the Agency and provide a copy to the Agency on request.
- 4 The Consent Holder shall record all failures of the continuous flow measurement system and any other breaks in the flow record. The reasons for all significant failures and breaks, which lead to missing or suspect data, and all steps taken to prevent a re-occurrence shall be recorded and details shall be provided to the Agency on request. A failure or break is significant for the purposes of this condition if it prevents the calculation of the total daily volume to the required level of uncertainty. The Consent Holder shall ensure that as far as possible the recorder remains fully operational at all times. Any failures shall be remedied as soon as possible.
- 5 Records of the flow readings or the reasons for any breaks in the record, as described in condition 4 above, shall be provided to the Agency when requested, in a format specified by the Agency.

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- 6** Flows of sewage through the treatment works shall be measured by the following calculation. Flow measurement is the sum of the flow at the four flow to treatment magmeters at SU 4350 1470, minus the flow at the works returns magmeter at SU 4357 1470, minus the flow at the two surplus activated sludge weirs at SU 4354 1481, minus the flow of balancing flows from primary settlement tanks 1 and 4 (not storm tank returns flow) at the magmeter at SU 4347 1468, or such other point(s) agreed by the Agency.

Dated this 31st day of January 2006

Signed 
Dawn Theaker - Team Leader Environment Management (Test)