

Water Quality Public Register Scanning

PERMIT REFERENCE (EDRM OTHER REFERENCE)

Permit Reference as it appears on the permit including characters (/.-\)

CNTD.ØØ79

**Modification Consent to
Discharge**

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



CNTD
**Environment
Agency**

Modification of Consent to Discharge

Consent Number: D79

To: Thames Water Limited
Clearwater Court
Vastern Road
Reading
Berkshire
RG1 8DB

Following a review of the conditions of its consent, the **ENVIRONMENT AGENCY** ("The Agency") exercising its powers under paragraph 7(2)(b) of schedule 10 to the Water Resources Act 1991, **HEREBY MODIFIES ITS CONSENT** for making a discharge OF:

Treated Sewage Effluent

with respect to Consent No. D79 issued on the 29th November 1989.

FROM: Iver North Sewage Treatment Works

AT: Iver, Buckinghamshire

TO: Colne Brook

FROM NOW ON the consent is modified as follows:

A. Substitution of the treated sewage effluent dry weather flow condition or maximum flow condition with the following condition:

- (a) The Dry Weather Flow of the discharge shall not exceed 4800 cubic metres per day. The consented Dry Weather Flow limit is set at the Consent Holder's planned annual 80%-exceeded flow.
- (b) In determining compliance with this consent, the measured Dry Weather Flow is that total daily volume that is exceeded by 90% of the recorded measured total daily volume values in any period of 12 months.
- (c) The numeric value of the measured Dry Weather Flow shall not exceed the numeric value of the consented Dry Weather Flow limit.
- (d) If the measured Dry Weather Flow exceeds the consented Dry Weather Flow limit then the Consent Holder shall as soon as is practicable investigate the reasons for the exceedance. The Consent Holder shall report the reasons for

the exceedance to the Environment Agency and the steps that it proposes to take to restore compliance. An exceedance of the Dry Weather Flow limit shall not be recorded as a failure if the Consent Holder takes appropriate steps to restore compliance.

- (e) If the measured Dry Weather Flow exceeds the consented Dry Weather limit because of unusual rainfall during the 12-month period, then it will not be recorded as a failure of the Dry Weather Flow limit. For the purposes of this condition, unusual rainfall shall mean rainfall that causes significantly higher sewage flows during the three-month period that normally records the lowest flows.
- (f) For unusual rainfall to be considered, the Consent Holder shall notify the Agency and provide supporting evidence as part of the normal specified data returns.

And

B. Substitution of the treated sewage effluent flow measurement condition or schedule with the following condition:

- (a) A continuous flow measurement and recording system ("the flow system") that complies with MCERTS Flow Monitoring scheme shall be provided and operated to record the total daily volume of sewage through the treatment works;
- (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 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 produce and maintain a formal Quality Management System ("QMS") for the management of the flow system and the implementation of the maintenance procedures. An appropriate independent certifier shall certify the QMS;
- (k) 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;
- (l) 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;
- (m) 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;
- (n) Flows of sewage through the treatment works shall be measured at a point(s) as is (are) agreed by the Agency.

Under the provisions of Paragraphs 7 and 8 of Schedule 10 to the Water Resources Act 1991, 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 4 years from the date this notice is served.

This consent modification is served and takes effect on 1st April 2010

Signed



Mark Hutchinson - Permitting Team Leader

NOTE. All other conditions of this consent remain unaltered and in force. This modification of consent should be read in conjunction with, and attached to the Schedule of Consent No. D79



**ENVIRONMENT
AGENCY**

Modification of Consent to Discharge

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

Consent Holder(s)

**Company Secretary
Thames Water Utilities Limited
3E, Clearwater Court
Vastern Road
Reading
RG1 8DB**

Consent to Discharge from

**Iver North Sewage Treatment Works
Iver North
Buckinghamshire**

Consent Number

D.79



Modification of Consent to Discharge

Consent Number

D.79

To:

Thames Water Utilities Limited ("the Consent Holder")
3E, Clearwater Court
Vastern Road
Reading
RG1 8DB

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby modifies Consent Number D.79 to the making of a discharge:

Of:

Treated Sewage Effluent ("the Discharge")

From:

Iver North Sewage Treatment Works

At:

Iver North, Buckinghamshire

To:

The Colne Brook

NOTICE IS GIVEN that Condition 8 specified in Schedule 1 of the above consent is **DELETED** and **REPLACED** with:

8. a) For the period up to and including 31st March 2011, the Discharge shall not contain more than:
- i) 50 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20° C with nitrification suppressed by the addition of allylthiourea).
 - ii) 20 milligrammes per litre of ammoniacal nitrogen (expressed as N).
- b) From 1st April 2011:
- i) From 1st November in any year to 30th April of the following year inclusive, the Discharge shall not contain more than:

- 1) 50 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20° C with nitrification suppressed by the addition of allyl-thiourea).
 - 2) 20 milligrammes per litre of ammoniacal nitrogen (expressed as N).
- ii) In any year, from 1st May to 31st October inclusive, the Discharge shall not contain more than:
- 1) 50 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20° C with nitrification suppressed by the addition of allyl-thiourea).
 - 2) 12 milligrammes per litre of ammoniacal nitrogen (expressed as N).

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, which alters the modifications made by this notice, without the agreement of the Consent Holder, during a period of 4 years from the date this notice is issued.

This Consent is modified on: 29 June 2007

Signed


Philip Citrona, Regulatory (Water Quality) Team Leader, Thames Region, NE Area.

NOTE: Consent D.79 is updated accordingly. Schedule U remains unaltered.

CNTD

From: Richard Dean
To: [REDACTED]
Date: 1/4/06 3:58pm
Subject: Amendments to the discharge consents Public Register

Rebecca

Back in Spring 2005 we issued consent modifications for 17 Thames Water sewage works in NE Area. These modifications imposed more stringent upper tier ammonia limits. TWU appealed against these ammonia limits. The legislation dictates that appealed conditions in a modification do not come into force unless the Planning Inspectorate rules in the Agency's favour. Until a decision is reached we must amend the Public Register to indicate which conditions do not currently apply.

I have produced a spreadsheet (attached) that identifies the 17 STW's that are subject to appeal. I would be grateful if you would arrange for a copy of the spreadsheet to be appended to each of the 17 appealed modifications on the Public Register.

Many thanks

Richard Dean
Regulatory Specialist (Water Quality)
Thames West Area Office
Internal tel. 7 25 8242
External tel. 01491 828816
Email richard.dean@environment-agency.gov.uk

CC: Nash, Tracy

Thames Water consents under appeal for ammonia upper tiers. NE Area

Discharge name	Consent no.	Condition Number	ammonia upper tier appealed	Ammonia upper tier in force
Bishop's Stortford	D.81	8.b)	12 mg/l	none
Blackbirds	B.660	8.b)	12 mg/l	none
Buntingford	WR.3902	8.b)	12 mg/l	15 mg/l
Chesham	D.82	8.b)	12 mg/l	none
Deephams AMP4	D.72	7.ii)	12 mg/l	16 mg/l
Deephams AMP3	D.72		16 mg/l	none
Gerrards Cross	D.5	8.b)	12 mg/l	none
Hatfield Heath	COPA/0261	8.ii)	12 mg/l	none
Iver North	D.79	8.b)	12 mg/l	none
Luton	D.84	8.b)	12 mg/l	none
Maple Lodge	D.71	8.b) ii)	12 mg/l	none
Markyate	COPA/8549	8.ii)	12 mg/l	none
Rye Meads	R212	8.a) ii)	12 mg/l	none
Stanford rivers	E46/74	8.b)	12 mg/l	none
Standon	COPA/2365	8.b)	12 mg/l	none
Stansted Mountfitchet	R.165	8.b)	12 mg/l	none
Widford & Wareside	R.90	8.b)	12 mg/l	none

Consent: D.79



**ENVIRONMENT
AGENCY**

ENVIRONMENT AGENCY

**WATER RESOURCES ACT 1991
Section 88 - Schedule 10
(as amended by the Environment Act 1995)**

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

To: Thames Water Utilities Ltd.
FAO: The Secretary
Clearwater Court
Vastern Road
READING
Berkshire RG1 8DB

WHEREAS the Environment Agency (the "Agency") in pursuance of its powers under the Water Resources Act 1991 **GRANTED CONSENT** to the making of a discharge of treated sewage effluent on the 29th day of November 1989.

FROM: Iver North Sewage Treatment Works, Buckinghamshire.

NOTICE IS GIVEN that all the Conditions, Schedules and Annexes of the above consent are hereby deleted and replaced by the conditions set out on **Schedule 1** as attached.

NOTICE IS GIVEN that for the purposes of implementing the requirements of the Urban Waste Water Treatment Regulations 1994, the conditions specified in **Schedule U** as attached are hereby appended to the consent as Schedule U.

Subject to the provisions of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the modifications made by this notice, without the agreement in writing of the consent holder, during a period of 48 months from the date this notice is served.

Date Issued: 31st March 2005

Date Effective from: 1st April 2005

Signed:



Team Leader, Regulatory Water Quality
North East Area of Thames Region

NOTE: Consent D.79 is updated accordingly.

Consent: D.79
Schedule No.: 01
Updated:



**ENVIRONMENT
AGENCY**

CONDITIONS OF CONSENT TO DISCHARGE

TREATED SEWAGE EFFLUENT ("the Discharge")

FROM: IVER NORTH SEWAGE TREATMENT WORKS

1.
 - a) The works shall be operated and 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 conditions 7, 8 and 9 than is required by those conditions;
 - ii) any alteration of the works or a change in the type of treatment used.
2. The discharge shall consist solely of treated sewage effluent.
3. The discharge shall be made in the manner and at the place as specified as:
 - a) discharging by means of one or more pipes
 - b) discharging to the Colne Brook
 - c) at National Grid Reference TQ 0439 8070
4. An appropriately labelled sample point shall be provided and maintained at National Grid Reference TQ 0439 8070, 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.
5. The volume of the Discharge shall not exceed 14400 cubic metres per day.



6.
 - a) 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 the discharge. 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.
 - b) 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.
 - c) 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.
 - d) 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.
 - e) Records of the flow readings or the reasons for any breaks in the record, as described in condition d) above, shall be provided to the Agency when requested, in a format specified by the Agency.
 - f) Flows of sewage through the treatment works shall be measured at the inlet or such other point(s) as are agreed by the Agency.
7.
 - a) Subject to paragraph b) below the Discharge shall not contain more than;
 - i) 25 milligrammes per litre of suspended solids (measured after drying at 105° C)

- ii) 15 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20° C with nitrification suppressed by the addition of allyl-thiourea)
 - iii) 2 milligrammes per litre of ammoniacal nitrogen (expressed as N);
 - b) The limit for any of the relevant parameters set out in paragraph (a) above may be exceeded where, in any series of samples of the Discharge taken at regular but randomised intervals in any period of twelve consecutive months as listed in Column 1 of the table at Annexe 1 to this consent, not more than the relevant number of samples, as listed in Column 2 of said table, exceed the applicable limit for that relevant parameter.
8. The Discharge shall not contain more than;
- a) 50 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20° C with nitrification suppressed by the addition of allyl-thiourea)
 - b) 12 milligrammes per litre of ammoniacal nitrogen (expressed as N).
9. 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.
10. a) No sample of the discharge, taken at a time when unusual weather conditions are adversely affecting the operation of the sewage treatment works, shall be taken into account in deciding whether or not the conditions contained in paragraphs 1, 7 and 8 of this consent have been complied with.
- b) For the purpose of this condition 'unusual weather conditions' shall include: -
- i) low ambient temperatures as evidenced by effluent temperatures of 5°C or less, or by the freezing of mechanical equipment in the works;
 - ii) significant snow deposits;
 - iii) tidal or fluvial flooding;
 - iv) weather conditions causing unforeseen loss of power supply to the sewage treatment which could not be ameliorated by the reasonable provision and operation of standby generation facilities.
- c) On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the consent holder shall use its best endeavours to mitigate that adverse affect.
- d) For a sample of the discharge to be considered for the purposes of (a) above, the consent holder shall notify the Agency by telefax or telephone as soon as unusual weather conditions are known to have adversely affected operations and shall confirm the circumstance in writing as soon as possible thereafter (and in any event within 14 days of the occurrence of such conditions). That

notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

11.
 - a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
 - b) A discharge of trade effluent into the works is new if:
 - i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of this modification of the consent; or
 - ii) it is made by a third party and the discharge is authorised on or after that date.
 - c) A discharge of trade effluent into the works is altered if:
 - i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after the date of this modification of the consent; or
 - ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
 - d) An increase in the polluting effects of the discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristic of the discharge which is specifically regulated by conditions 7, 8 and 9 of this consent but it may be significant if it is caused by a change in some other characteristic of the discharge.
 - e) For the purposes of this condition 'trade effluent' means:
 - i) any discharge by a sewerage undertaker other than
 - 1) domestic sewage from premises connected directly or indirectly to the works; or
 - 2) surface water run-off;
 - ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.
12.
 - a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.

- b) A discharge into the works 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.

Consent: D.79

Updated:

ANNEXE 1

The limit for any of the relevant parameters set out in paragraph 7 of Schedule 1 of the attached consent may be exceeded where, in any series of samples of the discharge taken at regular but randomised intervals in any period of twelve consecutive months, as listed in Column 1 of the table below, no more than the relevant number of samples, as listed in Column 2 of the said table, exceed the applicable limit for that relevant parameter.

TABLE

<u>Column 1</u>	<u>Column 2</u>
Series of samples taken in any period of twelve months	Maximum number of samples for a given determinand permitted to exceed limit
4 - 7	1
8 - 16	2
17 - 28	3
29 - 40	4
41 - 53	5
54 - 67	6
68 - 81	7
82 - 95	8
96 - 110	9
111 - 125	10
126 - 140	11
141 - 155	12
156 - 171	13
172 - 187	14
188 - 203	15
204 - 219	16
220 - 235	17
236 - 251	18
252 - 268	19
269 - 284	20
285 - 300	21
301 - 317	22
318 - 334	23
335 - 350	24
351 - 365	25

Consent: D.79
Schedule: U
Date Issued:



**ENVIRONMENT
AGENCY**

CONDITIONS OF CONSENT TO DISCHARGE

TREATED URBAN WASTE WATER ("the Discharge")

FROM: IVER NORTH SEWAGE TREATMENT WORKS

- U0 a) The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ("the Regulations").
- b) For the purpose of conditions U1 and U2 below, interpretations and references to a numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.
- U1 a) The Discharge derives from an agglomeration with a population equivalent of between 2,000 and 10,000 discharging to fresh waters.
- b) The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.
- c) The Discharge shall be subject to Regulation 5(1) and shall satisfy the relevant requirements of Part I of Schedule 3.
- U2 a) The Consent Holder shall provide apparatus for the purpose of:
- i) measuring or recording the volume, rate of flow, nature, composition or temperature, and
- ii) collecting samples of any waste water, as is necessary to ensure compliance with paragraph (b) below.
- b) The Consent Holder shall monitor the Discharge to verify compliance with the requirements of condition U1(c) above in accordance with the control procedures as set out in Part II of Schedule 3.
- c) The Consent Holder shall provide to the Agency any information collected in complying with paragraph (b) above in a manner agreed with the Agency.
- U3 a) Condition U2 above shall apply for the purpose of verifying compliance with the Directive from the date as specified in the relevant paragraph of Regulation 5 as incorporated into this consent under U1(c) above.



- U4 a) An appropriately labelled sample point shall be provided by the 31st December 2005 and maintained by the Consent Holder so that a representative sample of the Influent may be obtained. The position of the sample point ('UWWTR Influent Sample Point') shall be agreed in writing with the Agency.
- b) An appropriately labelled sample point shall be provided by the 31st December 2005 and maintained by the Consent Holder so that a representative sample of the Discharge may be obtained. The position of the sample point ('UWWTR Discharge Sample Point') shall be agreed in writing with the Agency



DEPARTMENT OF THE ENVIRONMENT

WATER ACT 1989

DIRECTION TO THE NATIONAL RIVERS AUTHORITY ("THE AUTHORITY") TO GRANT A CONSENT TO THAMES WATER UTILITIES LIMITED ("THE COMPANY")

WHEREAS:-

(a) the THAMES Water Authority submitted an application to the Secretary of State dated 27 February 1989, in accordance with section 34 of the Control of Pollution Act 1974, as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984, to discharge sewage effluent into Colne Brook from Iver (North) Sewage Treatment Works ("the proposed discharge");

(b) that application is deemed by virtue of paragraph 25(2) (a) of Schedule 26 to the Water Act 1989 to have been made by the Company to the Authority, and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to that application;

NOW THEREFORE the Secretary of State, in exercise of his power under paragraph 4(7) and 6(4) of Schedule 12 to the Water Act 1989, hereby directs the Authority:-

1) to grant a consent to the Company for the proposed discharge subject to the conditions set out in the Schedule hereto; and

2) to revoke any previous consents in respect of the proposed discharge.


Signed on behalf of
the Secretary of State
for the Environment

21 NOV 1989

WATER ACT 1989
CONSENT TO DISCHARGE SEWAGE EFFLUENT INTO COLNE BROOK.

WHEREAS:-

(a) the THAMES Water Authority submitted an application to the Secretary of State dated 27 February 1989, in accordance with section 34 of the Control of Pollution Act 1974, as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984, to discharge sewage effluent into Colne Brook from Iver (North) Sewage Treatment Works ("the proposed discharge");

(b) that application is deemed by virtue of paragraph 25(2) (a) of Schedule 26 to the Water Act 1989 to have been made by Thames Water Utilities Limited ("the Company") to the National Rivers Authority ("the Authority"), and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to that application;

(c) the Secretary of State, in exercise of his powers under paragraph 4(7) and 6(4) of Schedule 12 to the Water Act 1989, has directed the Authority to issue the following consent for the proposed discharge and to revoke all previous consents relating to that discharge.

NOW THEREFORE the Authority, in exercise of its powers under paragraphs 2 and 6 of Schedule 12 to the Water Act 1989:-

- (a) grants a consent to the proposed discharge subject to the conditions set out in the Schedule hereto; and
- (b) revokes all existing consents relating to the proposed discharge.

The period during which no notice by virtue of paragraph 6(2) or (4)(c) of Schedule 12 to the Water Act 1989 shall be served in respect of the consent shall be the period ending on the date two years from the date of this consent, or the date specified in paragraph C.1.i of the Schedule hereto, whichever shall be later, or such other date as the person who proposes to make or makes the discharge agrees.


Signed on behalf of the Authority

2A / 11 / 1989

SCHEDULE

CONDITIONS PRESCRIBED FOR THE DISCHARGE OF SEWAGE EFFLUENT FROM IVER (NORTH) SEWAGE TREATMENT WORKS TO THE COLNE BROOK.

A. NATURE OF EFFLUENT

1. The discharge shall consist of treated sewage effluent from an outlet at National Grid Reference TQ 0439 8070.

B. VOLUME OF EFFLUENT

1. The volume of treated sewage effluent discharged under dry weather conditions shall not exceed :

- (i) For the period up to and including 31 March 1991, 3200 cubic metres in any period of 24 hours.
- (ii) For the period from 1 April 1991, 4800 cubic metres in any period of 24 hours.

C. COMPOSITION OF EFFLUENT

1. Subject to paragraph C.2 below, no sample of the treated sewage effluent taken by the Authority shall contain more than:

i. for the period up to and including 31 March 1991 :

- (a) 45 milligrams per litre of suspended solids (measured after drying at 105 degrees Celsius)
- (b) 30 milligrams per litre of biochemical oxygen demand (determined in the presence of 0.5 milligrams per litre of allyl-thiourea after 5 days at 20 degrees Celsius)
- (c) 25 milligrams per litre of ammoniacal nitrogen expressed as nitrogen.

ii. for the period from 1 April 1991 :

- (a) 25 milligrams per litre of suspended solids (measured after drying at 105 degrees Celsius)
- (b) 15 milligrams per litre of biochemical oxygen demand (determined in the presence of 0.5 milligrams per litre of allyl-thiourea after 5 days at 20 degrees Celsius)
- (c) 3 milligrams per litre of ammoniacal nitrogen expressed as nitrogen.

2. The limit for any of the determinands set out in paragraph C.1 above may be exceeded where, in any series of samples of treated sewage effluent taken (whether before or after the grant of this consent) by the Authority in the period of twelve months ending on the date of the discharge, as listed in column (1) of the table at Annex A to this schedule, no more than the relevant number of samples, as listed in column (2) of the said table, exceeds the applicable limit for that determinand at the time when a sample is taken, that is in respect of samples taken after the grant of this consent, the limit set out in paragraph C.1, and in respect of samples taken before the grant of this consent, the corresponding provision of the consent then in force.

3. Notwithstanding paragraphs C.1 and C.2 above, for the period up to and including 31 March 1991 no sample of the treated sewage effluent shall contain more than:

(a) 135 milligrams per litre of suspended solids (measured after drying at 105 degrees Celsius)

(b) 90 milligrams per litre of biochemical oxygen demand (determined in the presence of 0.5 milligrams per litre of allyl-thiourea after 5 days at 20 degrees Celsius)

(c) 50 milligrams per litre of ammoniacal nitrogen expressed as nitrogen.

D. TAKING OF SAMPLES

1. Facilities shall be provided to the Authority's authorised representatives so as to enable samples of the effluent to be conveniently obtained.

ANNEX A

TABLE

Series of samples
taken in any year

Maximum number of samples
for given determinand
permitted to exceed limit

4 - 7	1
8 - 16	2
17 - 28	3
29 - 40	4
41 - 53	5
54 - 67	6
68 - 81	7
82 - 95	8
96 - 110	9
111 - 125	10
126 - 140	11
141 - 155	12
156 - 171	13
172 - 187	14
188 - 203	15
204 - 219	16
220 - 235	17
236 - 251	18
252 - 268	19
269 - 284	20
285 - 300	21
301 - 317	22
318 - 334	23
335 - 350	24
351 - 365	25