

UUW REF:

017160006

CONSENT NO.

017160006

VARIATION OF CONSENT TO DISCHARGE

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



ENVIRONMENT
AGENCY

TO: United Utilities Water PLC
Dawson House
Great Sankey
Warrington
WA5 3LW

Company Registration No.
2366678

The ENVIRONMENT AGENCY ("The Agency") in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) having reviewed the consent for the making of a discharge of **SEWAGE EFFLUENT** from Colne Waste Water Treatment Works, Colne, Lancashire **HEREBY VARIES** Consent Number 017160006 issued on 12th January 1980, and modified on 20th December 2000, by replacing all conditions with the Schedules set out in pages 2 to 12 following:

Secondary Treated Sewage Effluent incorporating the requirements of the Urban Waste Water Treatment Regulations (UWWTR) 1994
Settled Storm Sewage Effluent

FROM: Colne Waste Water Treatment Works

AT: Regent Street, Colne, Lancashire BB8 3LJ

TO: Colne Water, a tributary of the River Calder

SUBJECT TO: the conditions set out in the following Schedules:

Secondary Treated Sewage Effluent incorporating the requirements of the Urban Waste Water Treatment Regulations (UWWTR) 1994 - Schedule No. 017160006-01
Settled Storm Sewage Effluent - Schedule No. 017160006-02

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 effect of the variations made by this Variation of Consent, without the agreement in writing of the Consent Holder, during a period of 4 years from the date this Variation is issued.

This Variation is issued and takes effect on the 21st day of April 2005.

Signed..........

RICHARD HATCH
Team Leader Regulatory Water Quality

CONSENT NO	017160006
SCHEDULE NO	017160006-01
DATE ISSUED	21 st April 2005

CONDITIONS OF CONSENT TO DISCHARGE

SECONDARY TREATED SEWAGE EFFLUENT incorporating the requirements of the Urban Waste Water Treatment Regulations (UWWTR) 1994 ("the Discharge")

FROM: Colne Waste Water Treatment Works
Regent Street
Colne
Lancashire

GENERAL CONDITIONS

1. 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 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 contained in paragraphs 16, 17 and 22 of this consent schedule than is required by those conditions;
 - (ii) any alteration of the works or a change in the type of treatment used.

2. Nature of Discharge

The Discharge shall consist solely of secondary treated sewage effluent.

3. Place of Discharge

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

- (a) discharging via a 600 millimetre diameter pipe;
- (b) discharging to Colne Water, a tributary of the River Calder;
- (c) at National Grid Reference SD 8705 3949;
- (d) shown marked "FINAL EFFLUENT DISCHARGE TO RIVER" on drawing number "2584/90012948/00/97/1004" attached as Annex 3.

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4. Sampling Point Requirements

An appropriately labelled sample point shall be provided and maintained at National Grid Reference SD 8706 3950, as shown marked "FINAL EFFLUENT SAMPLING LOCATION" on drawing number "2584/90012948/00/97/1004" attached as Annex 3, or some other point as agreed in writing with the Agency, 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 controlled waters.

5. Notice of Change

The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change, in respect of discharges from trade premises to the sewerage system, occurs that may increase or introduce into the effluent any "dangerous substance" included on Lists I, II or Red List (set out in Annex 2 to this notice as updated from time to time, and notified to the Consent Holder in writing), or any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

6. Substantial Change

- (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 variation of this 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 variation of this 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 characteristics of the Discharge which are specifically regulated by conditions contained in paragraphs 16, 17 and 22 of this consent schedule but it may be significant if it is caused by a change in some other characteristic of the Discharge.

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- (e) For the purposes of this condition "trade effluent" means:
- (i) any discharge by the 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.

7. Operational Surveillance and Audit Condition

- (a) The Consent Holder shall maintain records that demonstrate to the satisfaction of the Agency:
 - i) knowledge and understanding by the Consent Holder of the composition of materials supplied to them and of any changes in formulation of process inputs to the collecting, sewerage and/or treatment system;
 - ii) any changes in processes that may result in a change in the Dangerous Substances composition of the effluent discharge.
- (b) The Consent Holder, at a time scale and frequency agreed by the Agency, shall undertake and record an audit to identify any additions or changes to the concentrations and loads of Dangerous Substances in the effluent since the date of variation of the consent.
- (c) The audit procedure is to be previously agreed in writing by the Agency.
- (d) The records kept in accordance with paragraphs (a) and (b) above shall be made available to the Agency on request.

8. Investigate and Monitor Condition

At the request of the Agency, the Consent Holder shall undertake any necessary investigations and provide an assessment of the source and quantity of specified List I and List II Substances (as defined in the Dangerous Substances Directive 76/464/EEC) within the Discharge.

9. Unauthorised Discharges

- (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.

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- (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.

10. Unusual Weather Conditions

- (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 conditions contained in paragraphs 1, 16 and 17 of this consent schedule 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 circumstances 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. 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.

VOLUME

12. Maximum Daily Volume

The volume of the Discharge shall not exceed 18,270 cubic metres per day.

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13. Dry Weather Flow

The Dry Weather Flow of the Discharge shall not exceed 5,350 cubic metres per day.

For the purpose of this condition Dry Weather Flow shall mean the average daily flow to the treatment works 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.

14. Rate

The rate of discharge shall not exceed 212 litres per second.

15. Flow Measurement

- (a) A continuous flow measurement and recording system, to a specification provided by the Agency, shall be provided by 31st March 2005 and operated to record the total daily volume and the instantaneous or 15 minute averaged flow every 15 minutes of sewage through the treatment works (Flow to Full Treatment).

An on-site visual display from which instantaneous or 15 minute averaged 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 Quality Management System. 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.

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- (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 downstream of the storm flow overflow weir and downstream of the point of return of the storm tank contents at National Grid Reference SD 8707 3960, or such other point as is agreed by the Agency.

COMPOSITION

16. Numeric

- (a) Subject to paragraph (b) below, the Discharge shall not contain more than:
 - (i) 25 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
 - (ii) 5 milligrammes per litre of ammoniacal nitrogen (expressed as N);
 - (iii) 40 milligrammes per litre of suspended solids (measured after drying at 105°C).
- (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 Annex 1 to this consent, 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.
- (c) The pH value of the Discharge shall not be greater than 9 nor less than 6.

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17. Upper Tier Standards

The Discharge shall not contain more than:

- (a) 60 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea);
- (b) 20 milligrammes per litre of ammoniacal nitrogen (expressed as N);
- (c) 4 milligrammes per litre of total iron;
- (d) 40 microgrammes per litre of total copper;
- (e) 1 milligramme per litre of total aluminium.

18. Screening/Solids Separation

- (a) The Discharge shall not contain a significant quantity of solid matter having a size greater than 6 millimetres in more than one dimension.
- (b) The Discharge shall not be comminuted or macerated to achieve the standard in (a) above.

19. Dosing Condition

- (a) Subject to paragraph (c) below, the chemical dosing material(s) employed in the phosphorus removal process shall be of an iron or aluminium salt formulation as notified to the Agency in writing prior to use.
- (b) The chemical dosing material(s) shall at all times conform to the British Standards specification(s) relating to potable products or other equivalent specification as agreed in writing with the Agency prior to use. Copies of the documentation of the quality assurance system shall be made available for inspection by the officers of the Agency at all reasonable times.
- (c) The chemical formulation of the chemical dosing material(s) shall not be changed without the prior written agreement of the Agency and such agreement shall only be given if the Agency considers that the relevant chemical formulation is unlikely to have an appreciable effect on controlled waters in the locality of the discharge.

20. Dosing Telemetry

A telemetry alarm system connected to a 24 hour response system shall be provided and maintained to provide notification of failure or breakdown of the iron/aluminium dosing plant.

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21. 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.

22. 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.

23. The Dangerous Substances List II Condition

- (a) The quantity of List II Substances (as defined in the Dangerous Substances Directive 76/464/EEC) in the Discharge shall not increase above:
 - (i) the levels specifically regulated by condition 17; or
 - (ii) the levels in the Discharge on the date of variation of this consent where no specific level is authorised.
- (b) Notwithstanding (a) above, the Discharge shall not contain quantities of any List II Substance such as to cause or contribute to the concentration of that substance in the receiving water exceeding the relevant Environmental Quality Standard (EQS).

24. Urban Waste Water Treatment Regulations

- U0
 - (a) The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ("the Regulations").
 - (b) For the purposes of conditions U1, U2 and U3 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 15,000 and 150,000 discharging to freshwaters in a Sensitive Area (Eutrophic) under Part I(a) of Schedule 1.
 - (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.

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- (c) The Discharge shall be subject to Regulation 5(4). The Discharge shall satisfy the relevant requirements of Part I of Schedule 3 and conform to the Total Phosphorus requirements of Table 2 to that Schedule.

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 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 Condition U2 above shall apply for the purpose of verifying compliance with the Regulations from the date as specified in the relevant paragraph of Regulation 5 as incorporated into this consent under condition U1 (c) above.

U4 (a) Inlet

An appropriately labelled sample point shall be provided and maintained at National Grid Reference SD 8726 3940 as shown marked "CRUDE EFFLUENT SAMPLING LOCATION" on drawing number "2584/90012948/00/97/1004" attached as Annex 3, or some other point as agreed in writing with the Agency, so that a representative sample of the Influent may be obtained.

(b) Outlet

An appropriately labelled sample point shall be provided and maintained at National Grid Reference SD 8706 3950 as shown marked "FINAL EFFLUENT SAMPLING LOCATION" on drawing number "2584/90012948/00/97/1004" attached as Annex 3, or some other point as agreed in writing with the Agency, so that a representative sample of the Discharge may be obtained.

CONSENT NO.	017160006
SCHEDULE NO.	017160006-02
DATE ISSUED	21 st April 2006

CONDITIONS OF CONSENT TO DISCHARGE

SETTLED STORM SEWAGE EFFLUENT ("the Discharge")

FROM: Colne Waste Water Treatment Works
Regent Street
Colne
Lancashire

GENERAL CONDITIONS

1. Nature of Discharge

The Discharge shall consist solely of settled storm sewage effluent.

2. Place of Discharge

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

- (a) discharging via a 600 millimetre diameter pipe;
- (b) discharging to Colne Water, a tributary of the River Calder;
- (c) at National Grid Reference SD 8737 3946;
- (d) shown marked "STORM TANK OVERFLOW TO RIVER" on drawing number "2584/90012948/00/97/1004" attached as Annex 3.

3. Sampling Point Requirements

The outlet to controlled waters shall be constructed and maintained and appropriately labelled so that a representative sample of the Discharge may be obtained at National Grid Reference SD 8737 3946.

4. Listed Substances

The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change in respect of discharges from trade premises to the sewerage system occurs, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 2 to this notice as updated from time to time and notified to the Consent Holder in writing), and any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.

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5. 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 the operation of the storm tanks. 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 storm tanks.

6. Event Monitoring

- (a) A recording system shall be provided and maintained to record the frequency and duration of overflow events to the storm tanks.
- (b) On request, the Consent Holder shall supply the Agency with a written report on the frequency and duration of overflow events to the storm tanks in accordance with a format specified by the Agency.

7. Settled Storm Sewage (storm tanks)

- (a) The Discharge shall occur when and only for as long as, the storm tanks are full. The discharge of storm sewage to the storm tanks shall only occur when the rate of flow at the storm sewage separating weir is in excess of 212 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure. The storm tanks shall be emptied automatically and their contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
- (b) The capacity of the storm tanks shall be at least 1,850 cubic metres.

8. Screening/Solids Separation

- (a) The Discharge shall not contain a significant quantity of solid matter having a size greater than 6 millimetres in more than one dimension.
- (b) The Discharge shall not be comminuted or macerated to achieve the standard in (a) above.

ANNEX 1

Series of Samples Taken in any Year	Maximum Permitted Number of Samples which Fail to Conform to Numerical Limits
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

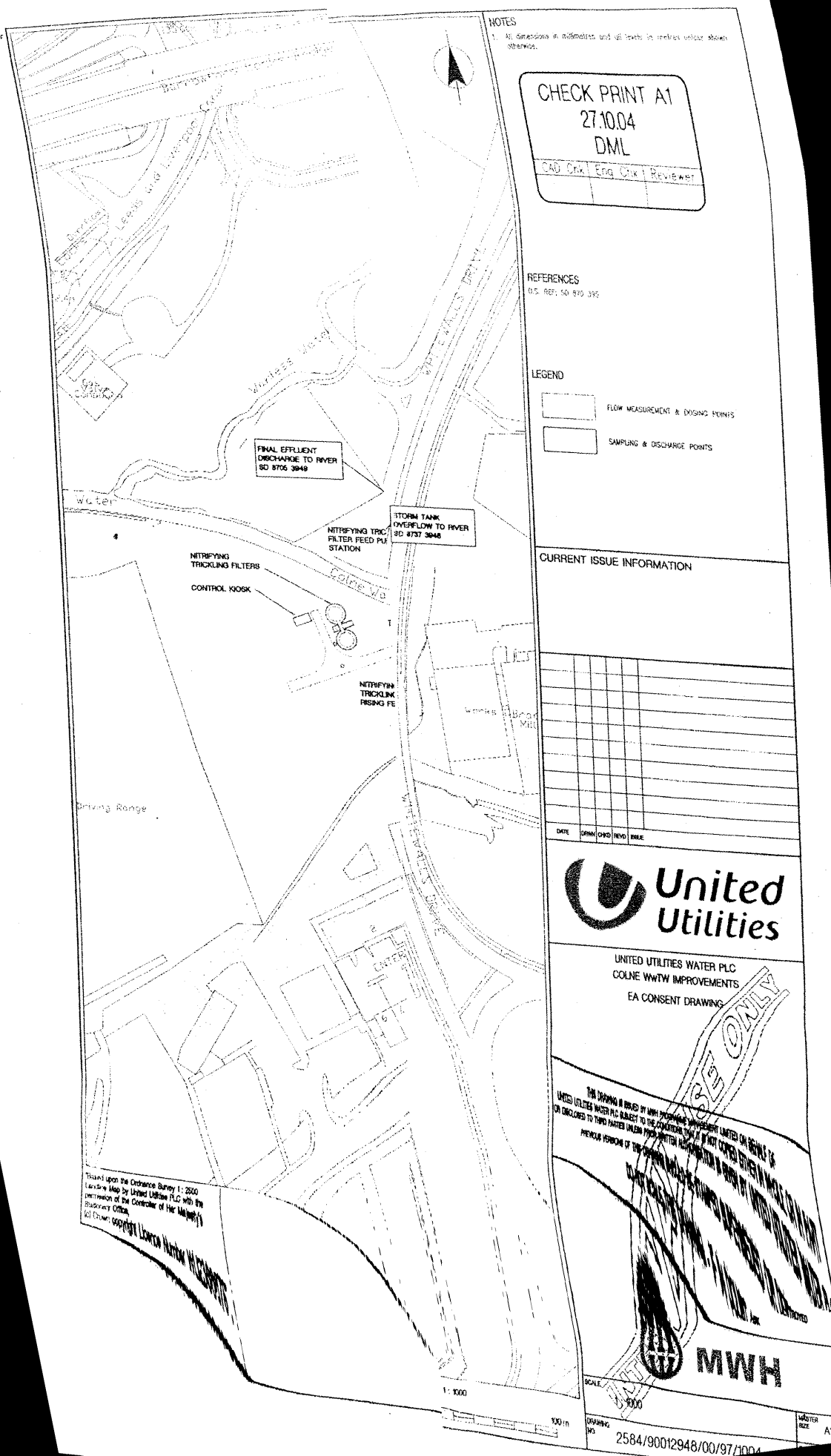
ANNEX 2

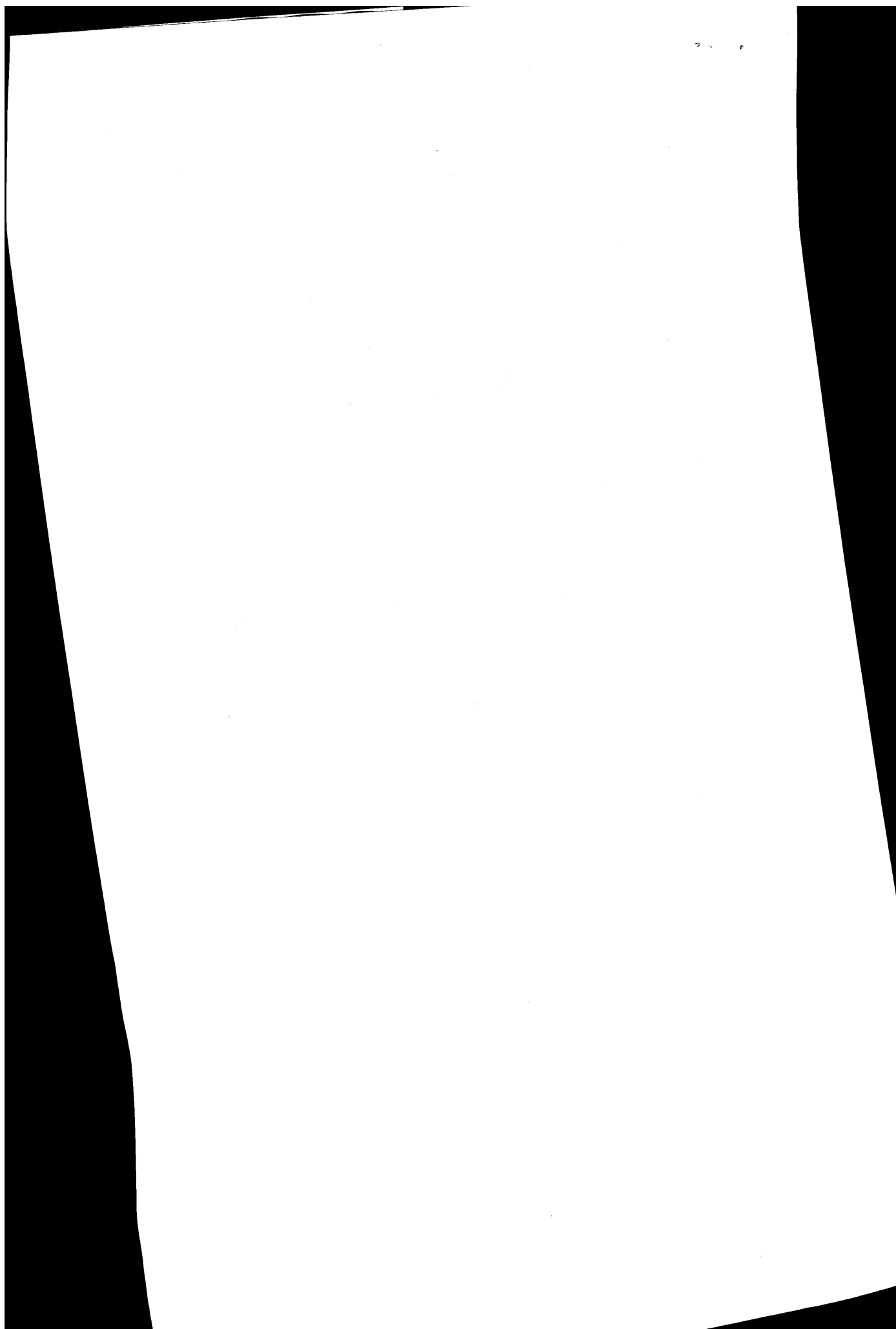
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|-----|---|-----|-------------------------|
| 1. | Mercury and its compounds | 44. | 2,4-Dichlorophenol |
| 2. | Cadmium and its compounds | 45. | 2,4-D (ester) |
| 3. | Hexachlorocyclohexane
(lindane and related compounds) | 46. | 2,4-D (non ester) |
| 4. | Carbon tetrachloride | 47. | 1,1,1-Trichloroethane |
| 5. | DDT (the isomers of
1,1,1-trichloro-2,2
bis(p-chlorophenyl) ethane) | 48. | 1,1,2-Trichloroethane |
| 6. | Pentachlorophenol (PCP) | 49. | Bentazone |
| 7. | Aldrin | 50. | Benzene |
| 8. | Dieldrin | 51. | Biphenyl |
| 9. | Endrin | 52. | Chloronitrotoluenes |
| 10. | Isodrin | 53. | Demeton |
| 11. | Hexachlorobenzene (HCB) | 54. | Dimethoate |
| 12. | Hexachlorobutadiene (HCBd) | 55. | Linuron |
| 13. | Chloroform | 56. | MCPA |
| 14. | Polychlorinated biphenyls | 57. | Mecoprop |
| 15. | Dichlorvos | 58. | Mevinphos |
| 16. | 1,2-Dichloroethane | 59. | Napthalene |
| 17. | Trichlorobenzene | 60. | Omethoate |
| 18. | Atrazine | 61. | Toluene |
| 19. | Simazine | 62. | Triazophos |
| 20. | Tributyltin compounds | 63. | Xylene |
| 21. | Triphenyltin compounds | 64. | Cyanide |
| 22. | Trifluralin | 65. | Azinphos-ethyl |
| 23. | Fenitrothion | 66. | Fenthion |
| 24. | Azinphos-methyl | 67. | Parathion |
| 25. | Malathion | 68. | Parathion-methyl |
| 26. | Endosulfan | 69. | Trichloroethylene |
| 27. | Lead | 70. | Tetrachloroethylene |
| 28. | Chromium | 71. | Dioxins |
| 29. | Zinc | 72. | PAHs |
| 30. | Copper | 73. | Nonyl phenol |
| 31. | Nickel | 74. | Nonyl phenyl ethoxylate |
| 32. | Arsenic | 75. | Di-ethylhexyl phthalate |
| 33. | *Iron | 76. | Bisphenol-A |
| 34. | *pH if outside the range 5.5 to 9.0 | 77. | Diazinon |
| 35. | *Boron | 78. | Chlorfenvinphos |
| 36. | Vanadium | 79. | Chlorotoluron |
| 37. | PCSD'S | 80. | Isoproturon |
| 38. | Cyfluthrin | 81. | Diuron |
| 39. | Sulcofuron | 82. | Propetamphos |
| 40. | Flucofuron | 83. | Flumethrin |
| 41. | Permethrin | 84. | Amitraz |
| 42. | 4-Chloro-3-methyl-phenol | 85. | High-Cis Cypermethrin |
| 43. | 2-Chlorophenol | 86. | Cyromazine |
| | | 87. | Deltamethrin |
| | | 88. | Cypermethrin |

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

* Notification to the Agency by the Consent Holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.

ANNEX 3





Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

part A

To: **NORTH WEST WATER LTD**
DAWSON HOUSE
LIVERPOOL RD, GREAT SANKEY
WARRINGTON
CHESHIRE
WA5 3LW

Contact Name (if applicable): **ANGELA WELLS**
Registered as Joint Consent Holder: **No**

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent **017160006** from 1 October 1996.

Consent Alias (if applicable):
Sample Point Grid Reference: **SD 8702 3947**

Nature of Discharge(s): **TREATED SEWAGE**
COLNE ET WORKS HUMUS

PLEASE NOTE: For Consents with Multiple Discharges, see the attached Schedule.

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

part B Please complete in block capitals or type.

To: Environment Agency P.O. Box 12 Richard Fairclough House Knutsford Road Warrington WA4 1HG
Tel: 01925 653999 Fax: 01925 242209

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent: **017160006** Name:
Address:

We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to:

* delete as appropriate

Name(s) of new holder(s):
Address:

Post Code:

Date of Transfer to new Holder(s);

Signed: Dated:

Name (block capitals): Position:

TE/S/96

(to be completed when signing
on behalf of corporate bodies)





ENVIRONMENT
AGENCY

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Schedule of Discharges

Consent: 017160006

Nature of Discharge 1 : TREATED SEWAGE
: COLNE ET WORKS HUMUS
Sample Point Grid Reference: SD 8702 3947

Nature of Discharge 2 : STORM SEWAGE
: COLNE ET WORKS HUMUS
Sample Point Grid Reference: SD 8702 3947



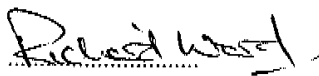
CONSENT NO.

017160006

- 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 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 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 condition U1(c) above.
- U4 (a) **Inlet.**
An appropriately labelled sample point shall be provided and maintained at National Grid Reference SD 8729 3940, or some other point as agreed in writing with the Agency, so that representative samples of the Influent may be obtained.
- (c) **Outlet.**
An appropriately labelled sample point shall be provided and maintained at National Grid Reference SD 8707 3949, or some other point as agreed in writing with the Agency, so that representative samples of the Discharge may be obtained.

Dated this 20th day of December, 2000

Signed



Richard Ward

Team Leader Water Quality Consenting and Planning

NOTE

All other conditions of the consent remain in force. Consent 017160006 is updated accordingly.

DRAFT NOTICE OF VARIATION AND REVOCATION

NO: 017160006

P.A.Q.



NORTH WEST WATER AUTHORITY

RIVERS DIVISION

WATER ACT, 1973

The Water Authorities (Control of Discharges) Order, 1978

Pursuant to the above Order the North West Water Authority (hereinafter referred to as "the Authority") propose to review the consent for the discharge(s) of sewage/~~trade~~ effluent from

COLNE E.T.W.
Corporation Street, Colne

to (a) stream(s)/controlled waters within their area, namely

Colne Water

(a) tributary/tributaries of

R. Calder

via (an) existing outlet(s) located at National Grid Reference(s)

SD 8702 3042 and SD 8702 3047

THE NEW CONDITIONS which it is proposed to attach to the consent for the discharge(s) are set out overleaf.

THIS CONSENT HAS BEEN VARIED
BY THE SECRETARY OF
STATE UPON THE CONDITIONS
SET OUT IN SCHEDULE 1 ATTACHED

Copy of these proposals sent to the Secretary of State for the Environment

on the 12th day of October 1979

Manager
Rivers Division

By virtue of Article 4 of the above-mentioned Order this draft notice took effect as a notice deemed to have been given to the Authority by the Secretary of State for the Environment on the 12th day of January,

1980

Conditions as to Discharge

Outfall 1 (located at SD 8702 3947)

The discharge shall consist solely of fully treated effluent from Colne ETW

Outfall 2 (located at SD 8737 3947)

The discharge shall consist solely of storm tank effluent from Colne ETW.

ion

Outfall 1 Until 31st December 1982

The contents of suspended solids (dried at 105°C) shall not exceed 60 mg/l

The Biochemical Oxygen Demand (ATU 5 days at 20°C) shall not exceed 40 mg/l

From 1st January 1983

The content of suspended solids (dried at 105°C) shall not exceed 45 mg/l.

The Biochemical Oxygen Demand (ATU 5 days at 20°C) shall not exceed 30 mg/l.

Outfall 2

The content of suspended solids (dried at 105°C) shall not exceed 150 mg/l.

Outfall 1

The volume of fully treated effluent shall not exceed 18.27 Ml/d.

Outfall 2

The discharge of storm tank effluent shall not take place unless 18.27 Ml/d is passing to full treatment.

Point(s) In accordance with Section 10(2) of the Rivers (Prevention of Pollution) Act, 1961 it is agreed that:-

The sampling point for fully treated effluent shall be the outlet to stream at SD 8702 3947.

The sampling point for storm tank effluent shall be the outlet to stream at SD 8703 3947.



DEPARTMENT OF THE ENVIRONMENT

Rivers (Prevention of Pollution) Acts 1951-1961

THE WATER AUTHORITIES (CONTROL OF OUTLETS AND DISCHARGES) REGULATIONS 1975

THE WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

WHEREAS the consents granted to the North West Water Authority for discharges of effluent from the sewage treatment works specified in schedule 2 contain conditions which specify numerical quality limits or the chemical composition of the effluent;

AND WHEREAS the numerical quality limits in respect of the chemical composition of the effluent were determined by reference to the quality which was capable of being achieved in 95 percent of the samples of the effluent discharged from the said sewage treatment works;

AND WHEREAS the Secretary of State for the Environment in exercise of the powers conferred to him in that behalf desires to vary the said conditions so as to provide that the numerical limits are to be achieved in a proportion of representative samples which are taken in any year to monitor the performance of the said sewage treatment works or pollution control purposes:

NOW THEREFORE NOTICE is given to the North West Water Authority that in accordance with his powers under Regulation 7 of the Water Authorities (Control of Outlets and Discharges) Regulations 1975 and Article 4(8) and (11) of the Water Authorities (Control of Discharges) Order 1978 the Secretary of State hereby imposes the new condition set out in schedule 1 hereto in each consent granted for the discharge of effluent from the sewage treatment works specified in Schedule 2.

Signed on behalf of the
Secretary of State

dated this 25th day
of January 1985

SCHEDULE 1

New Condition

as and from 31st January 1985 compliance with any consent condition which imposes a numerical limit in respect of biochemical oxygen demand, biochemical oxygen demand (in the presence of allyl-thiourea), suspended solids or ammonia shall be deemed to have been achieved where out of a series of samples taken over any period of one year as listed in column 1 of the table set out below the number of samples which fail to conform to the numerical limit specified in the said condition does not exceed the appropriate permitted number as listed in column 2 of the said table.

TABLE

(1)
Series of samples taken
in any year

(2)
Maximum permitted number of
samples which fail to
conform to numerical limits

4-7
8-16
17-28
29-40
41-53
54-67
68-81
82-95
96-110
111-125
126-140
141-155
156-171
172-187
188-203
204-219
220-235
236-251
252-268
269-284
285-300
301-317
318-334
335-350
351-365

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SCHEDULE 1

New Condition

As and from 31st January 1985 compliance with any consent condition which imposes a numerical limit in respect of biochemical oxygen demand, biochemical oxygen demand (in the presence of allyl-thiourea), suspended solids or ammonia shall be deemed to have been achieved where out of a series of samples taken over any period of one year as listed in column 1 of the table set out below the number of samples which fail to conform to the numerical limit specified in the said condition does not exceed the appropriate permitted number as listed in column 2 of the said table.

TABLE

(1)
Series of samples taken
in any year

(2)
Maximum permitted number of
samples which fail to
conform to numerical limits

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