

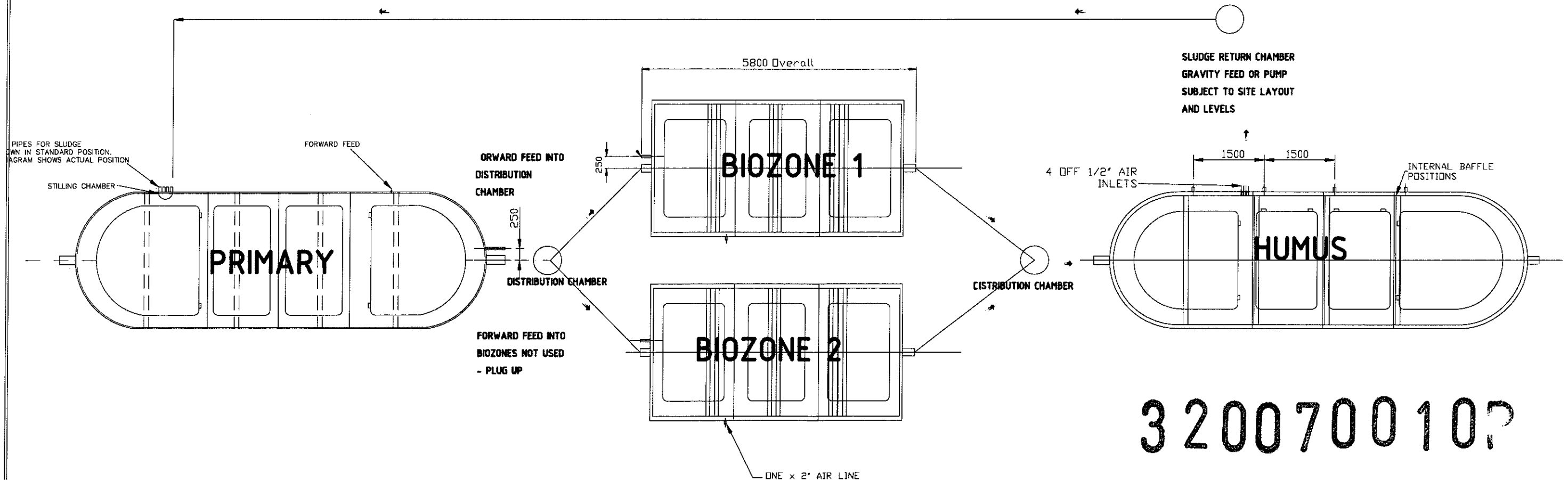
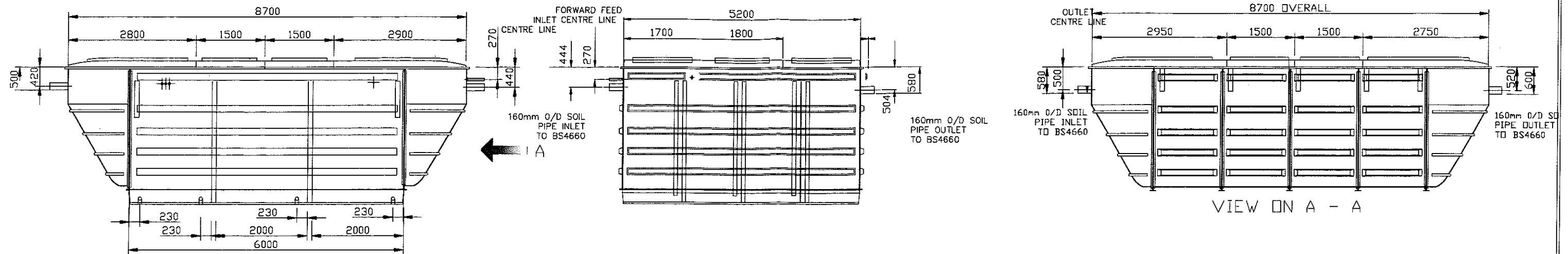
DRAWING NUMBER
CN-0103017

IF IN DOUBT, ASK

AMENDED PLANS RECEIVED

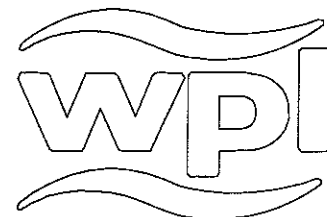
DO NOT SCALE

DATE 6 June 2007



3200700107

DESIGN	ISSUE	DATE	CHANGE	INITIAL
	A	17/06/04	NEW DRAWING	NDS
	B	30.11.06	UPDATED	
CHECKED				
DRAWN				
NDS				



WPL LIMITED
1 & 2 ASTON ROAD
WATERLOOVILLE
HAMPSHIRE
PO7 7UX
TEL: (02392) 242600
FAX: (02392) 242624
e-mail: engineering@wpl-limited.co.uk

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SCALE	N.T.S.	DIM'S IN	mm	PAPER SIZE	A4
TOLERANCES	+/- 10mm				
MATERIAL	BOLTED GRP CONSTRUCTION				
FINISH	INTERNAL: BLUE 16 C 33 TO BS4800 DK GREEN 14 C 39 TO BS4800				

TITLE
GENERIC LAYOUT
TWIN GHYLLS

DRAWING NUMBER
CN-0103017

WPL Ref.: SH/TwynGhyllCP/450PE Client specified

SOURCE	no.	PER PERSON / PER WASH CYCLE			PER SITE		
		FLOW Lt/day	BOD gms/day	NH3 gms/day	FLOW m ³ /day	BOD Kg/day	NH3 Kg/day
450 PE campsite (customer specified)	450	180	75	8	81000	33750	3600
				Totals	81.0 m ³ /d	33.75kg	3.6kg

Influent Conditions:

Peak flow to treatment: 2.8 lt/sec

Max BOD concentration: 417 mg/lt

Max NH₃ concentration: 44 mg/l

* Desludge frequency: 45 days

pH: 7 to 9

No toxic substances or biological inhibitors to be present in the influent.

Effluent Discharge std : 95%ile

BOD₅: 20 mg/lt

Suspended solids: 30 mg/lt

Ammoniacal nitrogen: 3 mg/l

(Subject to sufficient alkalinity being present in the raw sewage)

PLEASE CHECK THE FOLLOWING:

- Where influent includes discharge from a commercial kitchen or catering facility, adequate provision for removal of grease and oils must be provided. For this purpose we recommend installation of WPL's Grease Guzzler system. No allowance has been made for untreated grease or oils entering the WPL plant.
- The plant offered has been designed to satisfy the specified effluent discharge standard, based on the above loadings and strengths. **These must not be exceeded. It is very important to check that the plant loading data matches the operating conditions of the site; always incorporating any waste water from laundries, catering facilities and nursing homes.**
- WPL below ground tanks are designed assuming that the ground water table level is less than 1.0m above the base of the tank. If a higher water table or difficult ground conditions are encountered, please seek specialist advice or contact WPL.

PLANT SELECTION:

Approximate Dimensions:

1 x Rectangular Primary Tank: depth 3.0m, width 2.86m length 8.7m

2 x Biozone: depth 3.0m, width 2.86m, length 5.2m

1 x Rectangular Humus tank: depth 3.0m, width 2.86m, length 8.90m

Inlet Invert Depth: 0.5m

Plant Blower rating:

2 x SAH 235 Duty/Duty no standby available (single phase through inverters-Assumes 2 no 40AMP single phase supplies)

Supply voltage at enclosure to conform with BS 77 (1958) section 6 voltage limits

Electrical Specification: WPL Standard

6 June 2007

320070010P

creating a better place

Environment
Agency

Date: 15 January 2007

Our Ref: DE/c/160/p/06/n
Your Ref:

Hutchinson Environmental Solutions
White Wall Nook
Wark
Hexham
Northumberland
NE48 3PX
For the attention of Mr Peter Steadman

16 JAN 2007

Dear Mr Steadman

WATER RESOURCES ACT 1991, SCHEDULE 10
(As Amended By The Environment Act 1995)
Consent to discharge from Twynn Ghyll, Paythorne, Gisburn, Lancashire, BB7 4JD
Your Client: Park Leisure 2000 Ltd

Please find enclosed the Consent to discharge under Schedule 10 of the Water Resources Act 1991 (as amended by the Environment Act 1995), in respect of your client's application received on 19 October 2006. Your clients are now the holders of the consent and should ensure that the conditions of the Consent are complied with at all times.

Should your client be dissatisfied with the conditions specified in the Consent, he may appeal to the Secretary of State within three months of its issue.

This Consent is an important document. The right to discharge effluent may be valuable to your client. The document should be kept safe, probably with the Deeds of the property where appropriate.

The Consent has been granted only on the basis of the particulars and plans submitted with the application, and accordingly there should be no change without the written permission of the Agency.

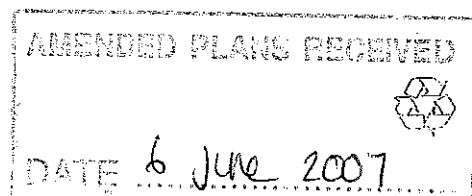
Please take careful note that if the holder of the consent changes, your client should inform the Agency **IN WRITING** as soon as possible of the name of the new holder(s). This is to ensure that the rights and charges associated with the Consent are transferred to the new holder(s). If your client does not inform us of the change within 21 days, an offence will have been committed that may result in prosecution.

Where the holder dies or is served with a bankruptcy order, different rules and timescales govern these changes. In these situations, the executors or trustees should contact the Agency promptly for further guidance.

If your client wants to revoke (cancel), or vary (change/amend) the Consent in any way, he must contact the Agency. Similarly, if your client changes his contact address while continuing to hold the Consent, he must inform the Agency.

Continued Over...

The Environment Agency
North West Central Area
PO Box 519
SOUTH PRESTON PR5 8GD
Tel: 0870 8506 506 Fax: 01772 697032
John Collins Central Area Manager



The Agency has adopted a scheme whereby all consented discharges, except those of sewage effluent of 5 cubic metres per day or less, will be subject to an annual charge. You may well have received a booklet outlining the scale of charges but if not, they are available from the office given on this letter.

If your client's consented discharge attracts an annual charge, he will be charged from the start of the discharge. For discharges that have not yet started please can you notify us, in writing, within 28 days of the date of this letter, that the discharge has not yet begun and give an approximate date of commencement.

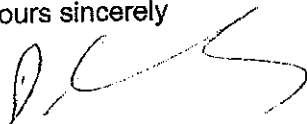
This Consent covers water quality considerations only. It does not give any right or permission to discharge where land is not owned by the Consent Holder. In addition, for discharges to watercourse, it does not imply the suitability, with regard to volumetric capacity, of the receiving watercourses. It is the responsibility of the Consent Holder to identify and negotiate, with the riparian owners as necessary, any requirement for downstream improvement works. Failure to do so could result in a Common Law action by the riparian owner.

Please ensure that the sample point for this discharge is maintained so that it is accessible to officers of the Agency and that a direct sample of the effluent may be readily and safely taken at all times.

Details of this Consent, and associated application, are placed on a public register, kept by the Agency and open for inspection by the public.

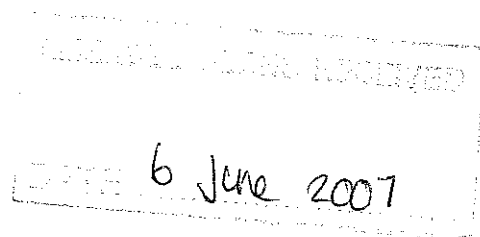
If you have any queries regarding this letter or the enclosed documents please contact me at the address given or e-mail dan.edwards@environment-agency.gov.uk.

Yours sincerely



Dan Edwards
Authorisations Officer
Central Area Office

Enclosure





ENVIRONMENT
AGENCY

16 JAN 2007

AMENDED FLIGHT RECEIVED

DATE 6 June 2007



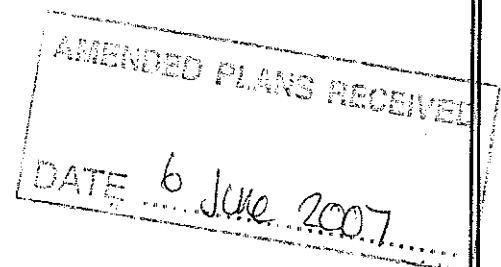
Environment
Agency

CONSENT TO DISCHARGE

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

Park Leisure 2000 Ltd
Medina House
2 Station Avenue
Bridlington
North Humberside
YO16 4LZ

Consent Number
017190934



Consent Number

017190934

CONSENT TO DISCHARGE

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



**Environment
Agency**

TO: Park Leisure 2000 Ltd
Medina House
2 Station Avenue
Bridlington
East Yorkshire YO16 4LZ

Company Registration Number
03352005

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 a discharge of **SEWAGE AND TRADE EFFLUENT**, as follows:

Secondary Treated Sewage and Trade Effluent

FROM: Package Sewage Treatment Plant serving Twyn Ghyll Caravan Park

AT: Paythorne, near Gisburn, Lancashire BB7 4JD

TO: an unnamed tributary of the River Ribble

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

Secondary Treated Sewage and Trade Effluent -Schedule No. 017190934-01

Subject to the provisions of Paragraphs 7 and 8 Schedule 10 of the Water Resources Act 1991 (as amended by the Environment Act 1995), no Notice shall be served by the Agency, altering this consent without the agreement in writing of the Consent Holder, during a period of 4 years from the date this Consent takes effect.

This Consent is issued and takes effect on the 10th day of January 2007.

Signed.....
RICHARD HATCH
Team Leader Regulatory Water Quality

AMENDED PLANS RECEIVED

DATE 6 June 2007

CONSENT NO.	017190934
SCHEDULE NO.	017190934-01
DATE ISSUED	10 th January 2007

CONDITIONS OF CONSENT TO DISCHARGE

Secondary Treated Sewage and Trade Effluent ("the Discharge")

FROM: Package Sewage Treatment Plant
serving Twyn Ghyll Caravan Park
Paythorne
near Gisburn
Lancashire BB7 4JD

GENERAL

1. Works Operation

- (a) The sewage treatment plant 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 13 and 14 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 and trade effluent.

3. Place of Discharge

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

- (a) discharging via a 100 millimetre pipe;
- (b) discharging to an unnamed tributary of the River Ribble;
- (c) at National Grid Reference SD 8254 5169.

4. Sampling Point Requirements

The outlet to controlled waters shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SD 8254 5169.

AMENDED PLANS RECEIVED

DATE 6 June 2007

CONSENT NO.	017190934
SCHEDULE NO.	017190934-01
DATE ISSUED	10 th January 2007

5. Notice of Change

The Consent Holder shall notify the Agency in writing of any known or planned introduction or material change in respect of Discharges from premises to which this Consent relates, to controlled waters, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 1 to this notice as updated by the Agency from time to time and notified to the Consent Holder in writing) or any other substance considered by the Consent Holder as likely to increase the polluting effects of the Discharge from the sewage treatment plant on controlled waters.

6. Substantial Change

- (i) 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.
- (ii) 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 13 and 14 of this Consent but it may be significant if it is caused by a change in some other characteristic of the Discharge.

7. Operational Surveillance

- (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 records kept in accordance with paragraphs 7(a) above shall be made available to the Agency on request.

8. Investigate and Monitor

If the Agency is of the opinion that the dangerous substances in the Discharge have changed significantly or that a significant change is likely then 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.

AMENDED PLANS RECEIVED
DATE 6 June 2007.....

CONSENT NO.	017190934
SCHEDULE NO.	017190934-01
DATE ISSUED	10 th June, 2007

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.
- (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. 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.

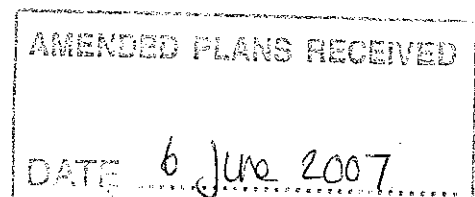
VOLUME

11. Maximum Daily Volume

The volume of the Discharge shall not exceed 81 cubic metres per day.

12. Flow Measurement

At the request of the Agency, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency. The flow measurement installation shall enable the total daily volume and/or the instantaneous or 15-minute averaged flow every 15 minutes of the Discharge to be recorded. The Consent Holder shall calibrate, operate and maintain the flow measurement and recording system to a standard specified by their quality management system, that has been approved by an independent expert. The flow and maintenance records shall be provided to the Agency as and when requested.



CONSENT NO.	017190934
SCHEDULE NO.	017190934-01
DATE ISSUED	

COMPOSITION

13. Numeric

The Discharge shall not contain more than:

- (i) 20 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20 degrees Celsius with nitrification suppressed by the addition of allyl-thiourea);
- (ii) 3 milligrammes per litre of ammoniacal nitrogen (expressed as N);
- (iii) 30 milligrammes per litre of suspended solids (measured after drying at 105 degrees Celsius).

14. 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.

15. 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 the levels in the Discharge on the date of effect of this Consent where no specific level is authorised; and
- (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.

MAINTENANCE

16. Maintenance

The sewage treatment plant 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.

6 June 2007

ANNEX 1

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.

AMENDED PLANS RECEIVED
DATE: 6 June 2007.