



ENVIRONMENT  
AGENCY

## Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Knostrop Waste Treatment Facility

Waste Recycling Limited  
Knostrop Sewage Treatment Works  
Knowsthorpe Lane  
Leeds  
West Yorkshire  
LS9 0PJ

Permit number

MP3231SD

# **Knostrop Waste Treatment Facility**

## **Permit Number MP3231SD**

### **Introductory note**

#### ***This introductory note does not form a part of the permit***

The main features of the installation are as follows:

The Knostrop Waste Treatment Facility is operated by Waste Recycling Limited, which is part of the Waste Recycling Group (WRG). The permitted installation covers an approximate area of 0.5 hectares and is located adjacent to the Knostrop Sewage Treatment Works (STW), approximately 5km to the south-east of Leeds city centre and 2km to the north-east of Junction 7 of the M621. The installation is bound to the north by the STW and Cross Green Industrial Estate. The River Aire lies approximately 30m to the south/south-east of the installation, and the east-side of the installation is also bound by the STW. Skelton Grange Power Station lies approximately 1.5km to the east of the installation, and the nearest area of residential housing is approximately 500m to the south-west.

The installation functions as a waste treatment plant. The categories of materials taken for treatment at the installation include acidic wastes, chemical waste waters, alkali wastes, food and beverage wastes, landfill leachate, and oil/water mixtures (including interceptor wastes).

The installation consists of a suite of tanks for the storage and treatment of the received wastes, including 4 Bio tanks, 4 final effluent tanks, 3 sludge tanks, 5 acid tanks, 7 hydroxide tanks, and 4 oil/water tanks. The installation contains a powder conditioning plant, consisting of a reagent tank, a powder silo and a conditioner. The installation also includes 1 lime silo (and 2 associated slurry tanks), a vehicle wash bay, a waste sampling area, 2 weigh-bridges, 4 waste reception sumps, and 4 filter presses. The wastes received at the installation can be treated using a range of processes, including gravity separation, filtration, neutralisation, precipitation, adsorption, absorption, blending and mixing. The installation has 4 carbon filters on site, which are used to treat liquid waste containing specific organic compounds, such as chloroform. Two of these filters are fitted to Bio Tanks 1 and 2, the remaining two are available for use at the Bio waste reception sumps.

The installation has 5 point source emissions to air. There are two unabated emissions to air from the lime slurry tanks (over-flow pipes), one emission from the lime silo, and one emission from the wet scrubber abatement system, which abates the waste neutralisation process. The lime silo is fitted with a bag filter abatement system. The installation also has one point source emission from the powder conditioning plant, which is abated by a reverse air jet filter.

The installation has one emission to sewer. Final effluent treatment (settlement, biological treatment, sludge incineration) is carried out at the Knostrop Sewage Treatment Works operated by Yorkshire Water Services Limited, before the treated water is discharged to the River Aire. The installation does not have a direct emission to controlled water. All site drainage is self-contained and directed through the waste treatment process provided at the installation.

The site is generally flat and is covered by an impermeable metallised surface. Bunded areas of the installation are provided with reinforced concrete, and the surface of the acid unloading/storage areas is covered with a resistant epoxy layer. All storage tanks are within bunded areas of a capacity designed to hold the volume of the largest tanks (or combination of linked tanks), plus 10%. The bunds are constructed of sulphate resisting concrete. All treatment and storage areas drain to sumps.

The Waste Recycling Limited has implemented an Environmental Management System at the Knostrop Waste Treatment Facility that has been externally assessed and verified as meeting the requirements of ISO14001. The COMAH regulations do not apply at the installation.

Status Log of the permit		
Detail	Date	Response Date
Application MP3231SD	Duly made 30/08/05	
Additional Information Received	Requested 29/09/05	03/10/05
Additional Information Received	Requested 11/01/06	26/01/06
Additional Information Received	Requested 03/02/06	21/02/06
Additional Information Received	Requested 27/02/06	28/04/06
Additional Information Received	Requested 02/05/06	26/05/06
Additional Information Received	Requested 09/05/06	26/05/06
Additional Information Received	Requested 24/05/06	26/05/06
Permit determined	22/06/2006	

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation			
Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Waste Recycling Limited	EAWML/65129	29/09/99 (Revised 12/12/03)	Fully superseded

The waste management licence shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the licence is authorised by this permit.

End of Introductory Note

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Permit

Permit number

**MP3231SD**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby authorises

**Waste Recycling Limited ("the Operator")**,

whose Registered Office (or Principal Office) is

**Ground Floor West  
900 Pavilion Drive  
Northampton Business Park  
Northampton  
NN4 7RG**

**Company registration number** 02902416

to operate an installation at

**Knostrap Waste Treatment Facility  
Knostrap Sewage Treatment Works  
Knowsthorpe Lane  
Leeds  
West Yorkshire  
LS9 0PJ**

to the extent authorised by and subject to the conditions of this Permit.

Signed	Date
	22 June 2006

Phil Reynolds

Regulatory Team Leader (PIR Permitting)

Strategic Permitting Group, Nottingham.

Authorised to sign on behalf of the Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
  - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Accidents that may cause pollution

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
  - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
  - (c) make any appropriate changes to the plan identified by a review.

### 1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures by a review.

## **1.4 Efficient use of raw materials**

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any appropriate further measures identified by a review.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1. The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **1.6 Site security**

1.6.1. Site security measures shall prevent unauthorised access to the site, as far as practicable.

# **2. Operations**

## **2.1 Permitted activities**

2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

## **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

## **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.
- 2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 3 tables S3.2, S3.3 and S3.4.
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
  - (c) it is only processed in the activity specified in Table S1.1 of Schedule 1.
- 2.3.4 Records shall be kept of all waste accepted onto the site.
- 2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:
- The nature of the process producing the waste
  - The composition of the waste
  - The handling requirements of the waste
  - The hazard classification associated with the waste
  - The waste code of the waste
- 2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Off-site conditions**

- 2.4.1 There are no off-site conditions under this section.

## **2.5 Improvement programme**

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

## **2.6 Pre-operational conditions**

- 2.6.1 There are no pre-operational conditions in this permit.

## **2.7 Closure and decommissioning**

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.
- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **2.8 Site protection and monitoring programme**

- 2.8.1 The operator shall, within 2 months of the issue of this permit, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

# **3. Emissions and monitoring**

## **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.

## **3.2 Transfers off-site**

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

## **3.3 Fugitive emissions of substances**

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.



### **3.4 Odour**

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

### **3.5 Noise and vibration**

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

### **3.6 Monitoring**

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1 and S4.3;
- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1 and S4.3 unless otherwise specified in that schedule.

## **4. Information**

### **4.1 Records**

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
  - (i) the site protection and monitoring programme.

4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

4.1.3 All records required to be held by this permit shall be held on the installation [on-site] and shall be available for inspection by the Agency at any reasonable time.

### **4.2 Reporting**

4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
- (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
- (c) the annual production /treatment data set out in schedule 5 table S5.2;
- (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
- (e) details of any contamination or decontamination of the site which has occurred.

4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
- (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4 ; and

- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

## **4.3 Notifications**

- 4.3.1 The Agency shall be notified without delay following the detection of:
  - (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit;
  - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
  - (a) as soon as practicable prior to the permanent cessation of any of the activities;
  - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.

- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
  - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

# Schedule 1 - Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
Section 5.3 A1(a) : physico-chemical treatment of hazardous waste	D9 Neutralisation using reactors numbered 1-4	From receipt of waste on site to storage and treatment of waste, and the removal of associated effluent and waste from site. Waste types to be as specified in Schedule 3 table S3.2 and the hazardous waste types specified in Schedule 3 table S3.4, subject to exclusions in table S3.5.
	D9 Waste maceration	
	D9 De-watering using filter presses numbered 1-4	
	D9 Solids filtration on waste receipt	
	D13 Blending of waste materials	
	D15 Storage of hazardous waste pending disposal	
	D9 Filtration of liquid waste using carbon filters	
Section 5.3 A1(b) : disposal of waste oils	D9 Powder conditioning	From receipt of waste on site to storage and treatment of waste, and the removal of associated effluent and waste from site. Waste types to be as specified in Schedule 3 table S3.3, subject to exclusions in table S3.5.
	D15 Storage of waste pending disposal	
Section 5.3 A1(c)(ii) : physico-chemical treatment of non-hazardous waste	D9 Oil/water separation	From receipt of waste on site to storage and treatment of waste, and the removal of associated effluent and waste from site. Non-hazardous waste types to be as specified in Schedule 3 table S3.4 and the non-hazardous waste types specified in Schedule 3 table S3.2, subject to exclusions in table S3.5.
	D9 Neutralisation using reactors numbered 1-4	
	D9 Waste maceration	
	D9 De-watering using filter presses numbered 1-4	
	D9 Solids filtration on waste receipt	
	D13 Blending of waste materials	
	D15 Storage of non-hazardous waste pending disposal	
Directly Associated Activity	D9 Filtration of liquid waste using carbon filters	Acceptance and testing of waste on site, prior to storage and either treatment on site or transfer for treatment off site. Waste types to be as specified in Schedule 3 tables S3.2, S3.3 and S3.4, subject to exclusions in table S3.5.
	D9 Powder conditioning	
	D15 Acceptance and storage of hazardous and non-hazardous waste pending D9	
	Transfer and handling of hazardous and non-hazardous waste pending treatment and/or disposal	
	Lime delivery, storage and slurry make up	
	Storage of powder conditioning reagent	
	Operation of tanker wash-out area	
Directly Associated Activity		Cleaning of tankers and transfer of collected rinse-waters back to the relevant waste storage or waste treatment areas.

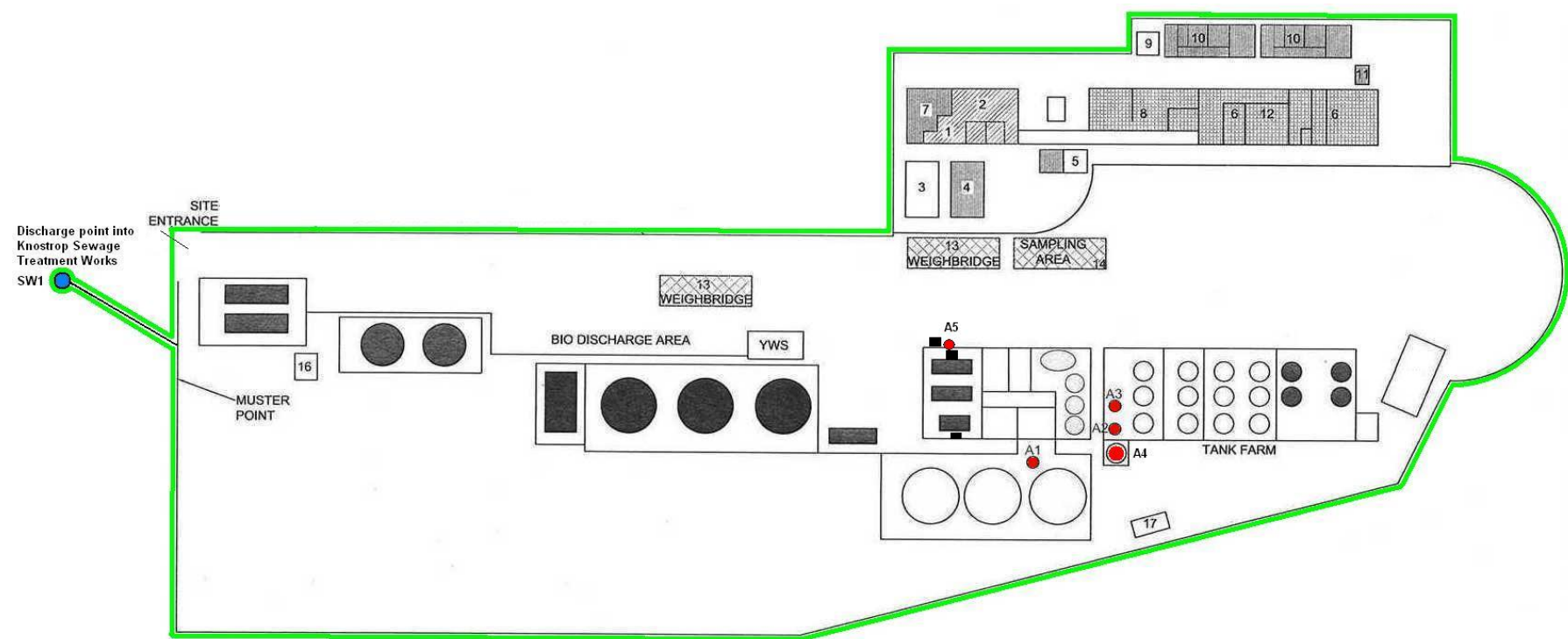
**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application	The response to section 2.1 and 2.2 in the Application, including Sections 2 and 3 of the Operational Techniques Report contained in Part 5, Volume 2 of the Application.	30/08/05
Receipt of additional information to the application (Ref Request 01)	The response to questions 1, 3, 12 and 14.	26/01/06
Receipt of additional information to the application (Ref 03 Feb 2006)	The response to question 1 (part A, B & C).	21/02/06
Receipt of additional information to the application (Ref Mar 2006)	Response to question asked regarding PCB wastes accepted at the installation.	28/04/06
Receipt of additional information to the application (Ref May 2006)	Response to questions 2, 3, 4, 5, 6 and 7 (of request dated 09/05/06). Response to questions 1, 2 and 3 (of request dated 22/05/06).	26/05/06

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	The Operator shall examine the discharge of ammonia from the installation to sewer and shall complete an investigation into potential mechanisms for reducing the daily load of ammonia in the final effluent discharge. The Operator shall provide the Agency with a written report that assesses the environmental and economic viability of the options available, and includes a timetable for implementing identified improvements.	22/12/2006
IC2	The operator shall provide the Agency with written proposals for the speciation of Volatile Organic Compounds (VOCs) emitted from emission point A1 under representative operating conditions. The monitoring and speciation shall be carried out to appropriate recognised standards. The proposals shall include a justification for the frequency and method of monitoring and a proposed timetable for implementation.	22/10/2006
IC3	Using the data collected as a result of IC2 the Operator shall assess the emission concentrations of speciated VOCs against the benchmark concentrations contained in Section 3.11 of Sector Guidance Note S5.06, December 2004. The Operator shall provide the Agency with a written report detailing the results and conclusion of this assessment.	22/04/2007
IC4	The Operator shall develop and maintain offsite backup copies of computer records and the waste tracking system in accordance with Section 2.1.2 of Sector Guidance Note S5.06. The Operator shall provide the Agency with a written report detailing the features, method and frequency of maintenance, and location of the backup system.	22/09/2006
IC5	The Operator shall install a system for sub-metering water use in order to enable the measurement of fresh water consumption at every significant usage point at the installation in accordance with Section 2.4.2 of Sector Guidance Note S5.06. The Operator shall provide the Agency with a written report detailing and justifying the location of the sub-meters and the frequency of measurement.	22/06/2007
IC6	The Operator shall develop and maintain an energy efficiency plan in accordance with the requirements of Section 2.7.2 of Sector Guidance Note S5.06. The Operator shall provide the Agency with a written report summarising the key features and recommendations of the plan, along with a timetable for implementing any identified improvements.	22/08/2007
IC7	The Operator shall carry out a waste minimisation audit for the installation, in accordance with Section 2.4.2 of Sector Guidance Note S5.06. The Operator shall provide the Agency with a written report summarising the key findings and recommendations of the audit, along with a timetable for implementing any identified improvements.	22/10/2007
IC8	The Operator shall investigate the options available for providing the installation's sub-surface reception sumps with suitable secondary containment and/or a formal system to ensure swift detection of any leakage, in accordance with Section 2.2.5 of Sector Guidance Note S5.06. The Operator shall provide the Agency with a written report detailing the key findings and recommendations of the investigation, along with a timetable for implementing the identified improvements.	22/02/2007

Schedule 2 - Site plan



## Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

Raw materials and fuel description	Specification
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Table S3.2 Permitted waste types and quantities for Physio-Chemical Treatment

Max Daily Capacity for the following waste types	10 tonnes
Waste Code <sup>1</sup>	Description
19 11 02*	acid tars
20 01 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 19*	pesticides
20 01 41	wastes from chimney sweeping
Max Daily Capacity for the following waste types	20 tonnes
Waste Code	Description
11 03 01*	wastes containing cyanide
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 02*	spent catalysts containing dangerous transition metals (3) or dangerous transition metal compounds
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)
16 08 05*	spent catalysts containing phosphoric acid
16 08 07*	spent catalysts contaminated with dangerous substances
16 09 01*	permanganates, for example potassium permanganate
16 09 03*	peroxides, for example hydrogen peroxide
Max Daily Capacity for the following waste types	50 tonnes
Waste Code	Description
07 05 03*	organic halogenated solvents, washing liquids and mother liquors
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances
08 04 17*	rosin oil
09 01 03*	solvent-based developer solutions
10 03 17*	Tar-containing wastes from anode manufacture
10 09 05*	casting cores and moulds which have not undergone pouring containing dangerous substances
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 07*	casting cores and moulds which have undergone pouring containing dangerous substances
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 10 13*	waste binders containing dangerous substances
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 15*	waste crack-indicating agent containing dangerous substances
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 06	discarded moulds
10 12 11*	wastes from glazing containing heavy metals
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 13 01	waste preparation mixture before thermal processing
10 13 09*	wastes from asbestos-cement manufacture containing asbestos
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	waste concrete and concrete sludge
10 14 01*	waste from gas cleaning containing mercury
11 01 16*	saturated or spent ion exchange resins
11 01 98*	other wastes containing dangerous substances
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)



11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 05*	wastes from copper hydrometallurgical processes containing dangerous substances
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 03 02*	other wastes
11 05 04*	spent flux
12 01 08*	machining emulsions and solutions containing halogens
12 01 12*	spent waxes and fats
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08 01*	desalter sludges or emulsions
14 06 02*	other halogenated solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 06 06*	separately collected electrolyte from batteries and accumulators
16 08 06*	spent liquids used as catalysts
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate
16 09 04*	oxidising substances, not otherwise specified
19 04 01	vitrified waste
19 04 03*	non-vitrified solid phase
19 08 06*	Saturated or spent ion exchange resins
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 09	grease and oil mixture from oil/water separation containing edible oil and fats
19 09 01	solid waste from primary filtration and screenings
19 10 02	non-ferrous waste
19 10 03*	fluff-light fraction and dust containing dangerous substances
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 05*	other fractions containing dangerous substances
19 10 06	other fractions other than those mentioned in 19 10 05
19 11 01*	spent filter clays
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29*	detergents containing dangerous substances
20 01 30	detergents other than those mentioned in 20 01 29
20 01 31*	cytotoxic and cytostatic medicines
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
Max Daily Capacity for the following waste types	
100 tonnes	
Waste Code	Description
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances
10 12 05	sludges and filter cakes from gas treatment
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 09*	solid wastes from gas treatment containing dangerous substances
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 13	sludge from on-site effluent treatment
10 13 04	wastes from calcination and hydration of lime
10 13 07	sludges and filter cakes from gas treatment
11 01 08*	phosphatising sludges
11 01 13*	degreasing wastes containing dangerous substances
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances

11 05 03*	solid wastes from gas treatment
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 14*	machining sludges containing dangerous substances
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 16*	waste blasting material containing dangerous substances
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 13*	other hydraulic oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 07 01*	fuel oil and diesel
13 08 02*	other emulsions
14 06 03*	other solvents and solvent mixtures
14 06 05*	sludges or solid wastes containing other solvents
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
19 01 10*	spent activated carbon from flue-gas treatment
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 17*	pyrolysis wastes containing dangerous substances
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 09*	solid combustible wastes containing dangerous substances
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04 04	aqueous liquid wastes from vitrified waste tempering
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08 01	screenings
19 08 02	waste from desanding
19 08 08*	membrane system waste containing heavy metals
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 11 04*	wastes from cleaning of fuel with bases
Max Daily Capacity for the following waste types	200 tonnes
Waste Code	Description
13 01 12*	readily biodegradable hydraulic oils

Max Daily Capacity for the following waste types	300 tonnes
Waste Code	Description
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02 01 01	sludges from washing and cleaning
02 01 03	plant-tissue waste
02 01 07	wastes from forestry
02 01 08*	agrochemical waste containing dangerous substances
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02 01	sludges from washing and cleaning
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
03 02 01*	non-halogenated organic wood preservatives
03 02 02*	organochlorinated wood preservatives
03 02 03*	organometallic wood preservatives
03 02 04*	inorganic wood preservatives
03 02 05*	other wood preservatives containing dangerous substances
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 09	lime mud waste
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 01 04	tanning liquor containing chromium
04 01 05	tanning liquor free of chromium
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02 10	organic matter from natural products (for example grease, wax)
04 02 14*	wastes from finishing containing organic solvents
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 16*	dyestuffs and pigments containing dangerous substances
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 19*	sludges from on-site effluent treatment containing dangerous substances

04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
05 01 02*	desalter sludges
05 01 03*	tank bottom sludges
05 01 04*	acid alkyl sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 07*	acid tars
05 01 08*	other tars
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 11*	wastes from cleaning of fuels with bases
05 01 12*	oil containing acids
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 15*	spent filter clays
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	bitumen
05 06 01*	acid tars
05 06 03*	other tars
05 06 04	waste from cooling columns
05 07 01*	wastes containing mercury
05 07 02	wastes containing sulphur
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 03*	hydrofluoric acid
06 01 04*	phosphoric and phosphorous acid
06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
06 03 13*	solid salts and solutions containing heavy metals
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 15*	metallic oxides containing heavy metals
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 04 03*	wastes containing arsenic
06 04 04*	wastes containing mercury
06 04 05*	wastes containing other heavy metals
06 05 02*	sludges from on-site effluent treatment containing dangerous substances
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06 02*	wastes containing dangerous sulphides
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 07 04*	solutions and acids, for example contact acid
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 10 02*	wastes containing dangerous substances
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides
06 13 02*	spent activated carbon (except 06 07 02)
06 13 05*	Soot
07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 07*	halogenated still bottoms and reaction residues
07 01 08*	other still bottoms and reaction residues
07 01 09*	halogenated filter cakes and spent absorbents
07 01 10*	other filter cakes and spent absorbents
07 01 11*	sludges from on-site effluent treatment containing dangerous substances
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02 01*	aqueous washing liquids and mother liquors
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 02 07*	halogenated still bottoms and reaction residues

07 02 08*	other still bottoms and reaction residues
07 02 09*	halogenated filter cakes and spent absorbents
07 02 10*	other filter cakes and spent absorbents
07 02 11*	sludges from on-site effluent treatment containing dangerous substances
07 02 12	sludges from on-site effluent treatment other than those mentioned in 0702 11
07 02 14*	wastes from additives containing dangerous substances
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 16*	wastes containing silicones
07 03 01*	aqueous washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 03 09*	halogenated filter cakes and spent absorbents
07 03 10*	other filter cakes and spent absorbents
07 03 11*	sludges from on-site effluent treatment containing dangerous substances
07 03 12	sludges from on-site effluent treatment other than those mentioned in 0703 11
07 04 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquors
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 04 09*	halogenated filter cakes and spent absorbents
07 04 10*	other filter cakes and spent absorbents
07 04 11*	sludges from on-site effluent treatment containing dangerous substances
07 04 12	sludges from on-site effluent treatment other than those mentioned in 0704 11
07 04 13*	solid wastes containing dangerous substances
07 05 01*	aqueous washing liquids and mother liquors
07 05 04*	other organic solvents, washing liquids and mother liquors
07 05 08*	other still bottoms and reaction residues
07 05 09*	halogenated filter cakes and spent absorbents
07 05 10*	other filter cakes and spent absorbents
07 05 11*	sludges from on-site effluent treatment containing dangerous substances
07 05 12	sludges from on-site effluent treatment other than those mentioned in 0705 11
07 05 13*	solid wastes containing dangerous substances
07 05 14	solid wastes other than those mentioned in 07 05 13
07 06 01*	aqueous washing liquids and mother liquors
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
07 06 07*	halogenated still bottoms and reaction residues
07 06 08*	other still bottoms and reaction residues
07 06 09*	halogenated filter cakes and spent absorbents
07 06 10*	other filter cakes and spent absorbents
07 06 11*	sludges from on-site effluent treatment containing dangerous substances
07 06 12	sludges from on-site effluent treatment other than those mentioned in 0706 11
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
07 07 08*	other still bottoms and reaction residues
07 07 09*	halogenated filter cakes and spent absorbents
07 07 10*	other filter cakes and spent absorbents
07 07 11*	sludges from on-site effluent treatment containing dangerous substances
07 07 12	sludges from on-site effluent treatment other than those mentioned in 0707 11
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 01 21*	waste paint or varnish remover
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials

08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 12*	waste ink containing dangerous substances
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 14*	ink sludges containing dangerous substances
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 16*	waste etching solutions
08 03 17*	waste printing toner containing dangerous substances
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 19*	disperse oil
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 04*	oil fly ash and boiler dust
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 09*	sulphuric acid
10 01 13*	fly ash from emulsified hydrocarbons used as fuel
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 16*	Fly ash from co-incineration containing dangerous substances
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 18*	wastes from gas cleaning containing dangerous substances
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 20*	sludges from on-site effluent treatment containing dangerous substances
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02 01	wastes from the processing of slag
10 02 07*	solid wastes from gas treatment containing dangerous substances
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 11*	wastes from cooling-water treatment containing oil
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03 04*	primary production slags
10 03 05	waste alumina
10 03 19*	flue-gas dust containing dangerous substances
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 23*	solid wastes from gas treatment containing dangerous substances
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25

10 03 27*	wastes from cooling-water treatment containing oil
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 29*	wastes from treatment of salt slags and black drosses containing dangerous substances
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04 04*	flue-gas dust
10 04 05*	other particulates and dust
10 04 06*	solid wastes from gas treatment
10 04 07*	sludges and filter cakes from gas treatment
10 04 09*	wastes from cooling-water treatment containing oil
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05 03*	flue-gas dust
10 05 04	other particulates and dust
10 05 05*	solid waste from gas treatment
10 05 06*	sludges and filter cakes from gas treatment
10 05 08*	wastes from cooling-water treatment containing oil
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06 03*	flue-gas dust
10 06 04	other particulates and dust
10 06 06*	solid wastes from gas treatment
10 06 07*	sludges and filter cakes from gas treatment
10 06 09*	wastes from cooling-water treatment containing oil
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 07*	wastes from cooling-water treatment containing oil
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08 04	particulates and dust
10 08 15*	flue-gas dust containing dangerous substances
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 19*	wastes from cooling-water treatment containing oil
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09 03	furnace slag
10 09 09*	flue-gas dust containing dangerous substances
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 11*	other particulates containing dangerous substances
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 13*	Waste binders containing dangerous substances
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 15*	waste crack-indicating agent containing dangerous substances
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10 09*	flue-gas dust containing dangerous substances
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 11*	other particulates containing dangerous substances
10 10 12	other particulates other than those mentioned in 10 10 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 12*	solid wastes from gas treatment containing dangerous substances
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
11 01 05*	pickling acids
11 01 06*	acids not otherwise specified
11 01 07*	pickling bases
11 01 09*	sludges and filter cakes containing dangerous substances
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 11*	aqueous rinsing liquids containing dangerous substances
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers

13 04 03*	bilge oils from other navigation
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16 03 03*	inorganic wastes containing dangerous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances 16 03 06 organic wastes other than those mentioned in 16 03 05
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19 01 05*	filter cake from gas treatment
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 07*	solid wastes from gas treatment
19 01 11*	bottom ash and slag containing dangerous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 13*	fly ash containing dangerous substances
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 15*	boiler dust containing dangerous substances
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 07*	oil and concentrates from separation
19 02 11*	other wastes containing dangerous substances
19 03 04*	wastes marked as hazardous, partly (5) stabilised
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 06*	wastes marked as hazardous, solidified
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04 02*	fly ash and other flue-gas treatment wastes
19 08 05	sludges from treatment of urban waste water
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 11 03*	aqueous liquid wastes
19 11 05*	sludges from on-site effluent treatment containing dangerous substances
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 11 07*	wastes from flue-gas cleaning
19 13 01*	solid wastes from soil remediation containing dangerous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
Max Daily Capacity for the following waste types	
500 tonnes	
Waste Code	Description
11 02 07*	other wastes containing dangerous substances
19 07 02*	landfill leachate containing dangerous substances



19 07 03	landfill leachate other than those mentioned in 19 07 02
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Table S3.3 Permitted waste types and quantities for Oil/Water Separation		
Max Daily Capacity for the following waste types		100 tonnes
Waste Code	Description	
12 03 01*	aqueous washing liquids	
12 03 02*	steam degreasing wastes	
19 11 04*	wastes from cleaning of fuel with bases	
Max Daily Capacity for the following waste types		300 tonnes
Waste Code	Description	
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals	
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals	
01 05 05*	oil-containing drilling muds and wastes	
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	
02 01 01	sludges from washing and cleaning	
02 01 03	plant-tissue waste	
02 01 07	wastes from forestry	
02 01 08*	agrochemical waste containing dangerous substances	
02 01 09	agrochemical waste other than those mentioned in 02 01 08	
02 02 01	sludges from washing and cleaning	
02 02 03	materials unsuitable for consumption or processing	
02 02 04	sludges from on-site effluent treatment	
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation	
02 03 02	wastes from preserving agents	
02 03 03	wastes from solvent extraction	
02 03 04	materials unsuitable for consumption or processing	
02 03 05	sludges from on-site effluent treatment	
02 04 03	sludges from on-site effluent treatment	
02 05 01	materials unsuitable for consumption or processing	
02 05 02	sludges from on-site effluent treatment	
02 06 01	materials unsuitable for consumption or processing	
02 06 02	wastes from preserving agents	
02 06 03	sludges from on-site effluent treatment	
02 07 05	sludges from on-site effluent treatment	
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances	
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10	
04 02 19*	sludges from on-site effluent treatment containing dangerous substances	
05 01 02*	desalter sludges	
05 01 03*	tank bottom sludges	
05 01 05*	oil spills	
05 01 06*	oily sludges from maintenance operations of the plant or equipment	
05 01 09*	sludges from on-site effluent treatment containing dangerous substances	
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09	
05 01 11*	wastes from cleaning of fuels with bases	
05 01 13	boiler feedwater sludges	
05 01 14	wastes from cooling columns	
05 01 15*	spent filter clays	
05 01 16	sulphur-containing wastes from petroleum desulphurisation	
05 06 04	waste from cooling columns	
06 05 02*	sludges from on-site effluent treatment containing dangerous substances	
06 10 02*	wastes containing dangerous substances	
07 01 01*	aqueous washing liquids and mother liquors	
07 02 01*	aqueous washing liquids and mother liquors	
07 02 11*	sludges from on-site effluent treatment containing dangerous substances	
07 02 12	sludges from on-site effluent treatment other than those mentioned in 0702 11	
07 02 14*	wastes from additives containing dangerous substances	
07 02 15	wastes from additives other than those mentioned in 07 02 14	
07 03 01*	aqueous washing liquids and mother liquors	
07 03 11*	sludges from on-site effluent treatment containing dangerous substances	

07 03 12	sludges from on-site effluent treatment other than those mentioned in 0703 11
07 04 01*	aqueous washing liquids and mother liquors
07 04 11*	sludges from on-site effluent treatment containing dangerous substances
07 04 12	sludges from on-site effluent treatment other than those mentioned in 0704 11
07 05 01*	aqueous washing liquids and mother liquors
07 05 11*	sludges from on-site effluent treatment containing dangerous substances
07 06 01*	aqueous washing liquids and mother liquors
07 06 11*	sludges from on-site effluent treatment containing dangerous substances
07 07 01*	aqueous washing liquids and mother liquors
07 07 11*	sludges from on-site effluent treatment containing dangerous substances
07 07 12	sludges from on-site effluent treatment other than those mentioned in 0707 11
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
10 01 18*	wastes from gas cleaning containing dangerous substances
10 01 20*	sludges from on-site effluent treatment containing dangerous substances
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02 11*	wastes from cooling-water treatment containing oil
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances
10 03 27*	wastes from cooling-water treatment containing oil
10 04 09*	wastes from cooling-water treatment containing oil
10 05 08*	wastes from cooling-water treatment containing oil
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06 09*	wastes from cooling-water treatment containing oil
10 07 07*	wastes from cooling-water treatment containing oil
10 08 19*	wastes from cooling-water treatment containing oil
16 03 03*	inorganic wastes containing dangerous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances 16 03 06 organic wastes other than those mentioned in 16 03 05
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19 02 07*	oil and concentrates from separation
19 02 11*	other wastes containing dangerous substances
19 11 03*	aqueous liquid wastes

**Table S3.4 Permitted waste types and quantities for Simple Filtration and Blending**

<b>Max Daily Capacity for the following waste types</b>	<b>100 tonnes</b>
<b>Waste Code</b>	<b>Description</b>
12 01 19*	readily biodegradable machining oil
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
<b>Max Daily Capacity for the following waste types</b>	<b>300 tonnes</b>
<b>Waste Code</b>	<b>Description</b>
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07

01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05 04	freshwater drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
02 01 01	sludges from washing and cleaning
02 01 03	plant-tissue waste
02 01 07	wastes from forestry
02 01 08*	agrochemical waste containing dangerous substances
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02 01	sludges from washing and cleaning
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03 01 01	waste bark and cork
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 01 04	tanning liquor containing chromium
04 01 05	tanning liquor free of chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
05 01 02*	desalter sludges
07 01 01*	aqueous washing liquids and mother liquors
07 02 01*	aqueous washing liquids and mother liquors
07 02 12	sludges from on-site effluent treatment other than those mentioned in 0702 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 03 01*	aqueous washing liquids and mother liquors
07 03 12	sludges from on-site effluent treatment other than those mentioned in 0703 11
07 04 01*	aqueous washing liquids and mother liquors
07 04 12	sludges from on-site effluent treatment other than those mentioned in 0704 11
07 05 01*	aqueous washing liquids and mother liquors
07 06 01*	aqueous washing liquids and mother liquors
07 07 01*	aqueous washing liquids and mother liquors
07 07 12	sludges from on-site effluent treatment other than those mentioned in 0707 11
10 01 26	wastes from cooling-water treatment
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
16 03 03*	inorganic wastes containing dangerous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances 16 03 06 organic wastes other than those mentioned in 16 03 05
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19 11 03*	aqueous liquid wastes
Max Daily Capacity for the following waste types	<b>500 tonnes</b>

Waste Code	Description
19 07 03	landfill leachate other than those mentioned in 19 07 02

Note 1: Waste codes marked with an asterisk are classified as hazardous wastes.

**Table S3.5: Exclusions**

Restrictions on waste types specified in Tables S3.2, S3.3 and S3.4

No wastes that possess the following, or during processing give rise to the following characteristics:

Wastes that have a flash point below 40°C

Wastes containing free cyanide or simple ionic cyanides at concentrations >100mg/l (expressed as CN<sup>-</sup>)

Wastes containing sulphide compounds at concentrations >5000mg/l (expressed as S<sup>2-</sup>)

Hydrochloric acid >37% concentration

Sulphuric acid >75% concentration

Nitric acid >40% concentration

Chromic acid >20% concentration

Phosphoric acid >25% concentration

Hydrofluoric acid >10% concentration

Sodium or potassium hydroxides >50% concentration

Ammonia >10% concentration

Wastes containing polychlorinated biphenyls at concentrations >50ppm

## Schedule 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in Schedule 2]	Total VOCs (as Total Organic Carbon)	Wet scrubber exhaust	No limit set	1 hour average	Annually, under a representative range of operating conditions.	BS EN 12619: 1999
A2 [Point A2 on site plan in Schedule 2]	No parameters set	Vent on lime slurry tank	No limit set	--	--	Permanent sampling access not required
A3 [Point A3 on site plan in Schedule 2]	No parameters set	Vent on lime slurry tank	No limit set	--	--	Permanent sampling access not required
A4 [Point A4 on site plan in Schedule 2]	No parameters set	Reverse jet filter vent on lime silo	No limit set	--	--	Permanent sampling access not required
A5 [Point A5 on site plan in Schedule 2]	No parameters set	Reverse jet filter on powder conditioning plant	No limit set	--	--	Permanent sampling access not required

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
No emission from the permitted installation shall be made to water						

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
Emission to Knostrop Sewage Treatment Works, shown as SW1 on site plan in schedule 2 of permit	Flow	Final effluent from Waste Treatment Facility	700m <sup>3</sup> /day	24-hr flow proportional sample	Monthly	Calibrated flow meter
	PH		5-11	24-hr flow proportional sample	Monthly	BS 6068-2.50:1995
	COD		10000kg/day	24-hr flow proportional sample	Monthly	BS ISO15705:2002
	Settleable Solids		1000kg/day	24-hr flow proportional sample	Monthly	SCA Blue book 105
	Ammonia		200kg/day	24-hr flow proportional sample	Monthly	SCA Blue book 48
	Copper		2kg/day	24-hr flow proportional sample	Monthly	BS 6068-2.29:1987
	Chloroform		0.2mg/l	24-hr flow proportional sample	Monthly	BS 6068:2.58
	Vanadium		0.5kg/day	24-hr flow proportional sample	Monthly	BS 6068-2.84:2003
	Zinc		6kg/day	24-hr flow proportional sample	Monthly	BS 6068-2.29:1987
	Lead		1.5kg/day	24-hr flow proportional sample	Monthly	BS 6068-2.29:1987
	Nickel		1.5kg/day	24-hr flow proportional sample	Monthly	BS 6068-2.29:1987
	Cadmium		10ug/l	24-hr flow proportional sample	Monthly	BS EN ISO 5961:1995
	Chromium		1.5kg/day	24-hr flow proportional sample	Monthly	BS EN 1233:1997
	Mercury		3ug/l	24-hr flow proportional sample	Monthly	BS EN 135006

## Schedule 5 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.6.1.	A1	Every 12 months	01/07/06
Emissions to sewer Parameters as required by condition 3.6.1	SW1	Every 6 months	01/07/06

**Table S5.2: Annual production/treatment**

Parameter	Units
Quantity of waste treated	tonnes
Quantity of waste landfilled	tonnes
Volume of effluent discharged to sewer	litres

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage per tonne of waste treated	Quarterly	Tonnes/tonne
Energy usage per tonne of waste treated	Quarterly	MWs/tonne
Total Ammonia discharged	Quarterly	Kg
Calcium hydroxide used per tonne of waste treated	Quarterly	Tonnes/tonne

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Agency	22/06/2006
Waste Return	Form RATS2E or other form as agreed in writing by the Agency	22/06/2006
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	22/06/2006
Water usage	Form water usage1 or other form as agreed in writing by the Agency	22/06/2006
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	22/06/2006
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	22/06/2006

## Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

### Part A

Permit Number	MP3231SD
Name of operator	Waste Recycling Limited
Location of Installation	Knostrop Sewage Treatment Works Knowsthorpe Lane Leeds West Yorkshire LS9 0PJ
Time and date of the detection	

#### **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution**

To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

#### **(b) Notification requirements for the breach of a limit**

To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	



Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

## Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of Waste Recycling Limited

## Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*annually*" means once every year.

"*application*" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations.

"*authorised officer*" means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"*disposal*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*emissions to land*", includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission limit.

"*groundwater*" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify/notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*site protection and monitoring programme*" means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

"*technically competent management*" and "*technical competence*" shall have the meanings given to them in the Environmental Protection Act 1990.

Waste code means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"*WFD*" means Waste Framework Directive (75/442/EEC).

“year” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

END OF PERMIT