



ENVIRONMENT
AGENCY

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Wilton Waste Treatment Plant

Wilton Waste Treatment Limited
Boundary Road West
Wilton International
Middlesbrough
Cleveland
TS6 8JH

Permit number

QP3838XG

Wilton Waste Treatment Plant Permit Number QP3838XG

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows.

Wilton Waste Treatment Plant is situated on Wilton International in Teesside. Wilton International is a large industrial complex with special development status for heavy industrial use. The site is situated on undeveloped land and covers an area of 7.33 acres. Access is gained via the A1053.

Wilton Waste Treatment Plant consists of a biological treatment plant which will treat a wide range of organic hazardous and non-hazardous waste using the Eco-bio process within biocat units and biopiles. The installation will also incorporate a transfer station and storage facilities for waste oils.

The Eco-bio process works by introducing nutrients, vitamins and bio-stimulants – all referred to as ‘micronutrients’, including a group called Dakarin and depurites containing specific selections of biocatalysts, minerals, vitamins and trace metals to catalyse the performance of natural microbial activities present in the organic waste streams to accelerate the breakdown process.

Laboratory trials are undertaken prior to treatment in the biocats and biopiles to assess the time and amount of micronutrients required to break down the organic content present in the waste streams.

Prior to wastes being treated within the biocats, wastes are bulked to storage tanks 1, 2, 3, 4 or 5, pH adjusted if required in tank 6, filtered, transferred to blending tanks 9 and 10 and then fed into the biocats for treatment. Effluent arising from the biocats is filtered and transferred into Tanks 8a and 8b. Sludges and solids arising from the pH adjustment process and biocats are either treated within the biopiles and disposed of or sent directly for disposal.

Wastes treated within the biopiles are treated within Area J which is comprised of a covered building with containment and an LEV system in place. Liquors arising from the biopiles are treated within the biocats and treated wastes will be analysed and sent for disposal.

Oil and water is stored in storage tanks 1, 2, 3 or 4, separated with the aid of de-emulsifiers, if required and the resultant aqueous phase treated within the biocats and the oil sent off site for recovery.

Waste arriving at the transfer station is stored within appropriate storage bays, segregated and repackaged where required, before undergoing treatment and disposal on site or treatment and disposal off site. Other activities include crushing of drums/IBCs and drum and tanker washing. Washings and solid residues are treated on site for disposal or sent off site for treatment or disposal.

The installation is sited on an impermeable surface with a 300mm high bunded wall around the boundary of the installation. Effluent and contaminated surface water run-off is stored in Tanks 8a and 8b and discharged in batches after analysis. Water is pumped through a pipeline into a private sewer owned by Sembcorp Utilities (UK) Ltd which drains into Dabholm Gut, a tributary of the River Tees. There are no emissions to groundwater. The nearest residential properties are situated 500m west of the site in Grangetown. South Gare and Coatham Sands classified as a Site of Special Scientific Interest (SSSI) is situated 3.2km away and Teesmouth and Cleveland coast classified as a Ramsar site and Special Protected Area (SPA) is situated 3.8km away. All of the emissions from the site have been assessed and none are deemed to have an adverse impact on the SSSI and Ramsar / SPA.

There is one point source emission to air. All site vessels and buildings are vented via carbon filters prior to venting to emission point A1. Fugitive releases to air may occur from bulking operations, drum and tanker washing and delivery of waste materials into the biopile building. All of the emissions have been assessed and none are deemed to be significant.

The operator does not have an externally audited environmental management system and operates under their own environmental policy. The staff on site are suitably qualified and hold relevant WAMITAB certificates.

Status Log of the permit		
Detail	Date	Response Date
Application QP3838XG	Duly made 20/03/08	-
Schedule 4 Notice requesting further information	16/05/08	08/07/08 and 14/07/08
Letter sent requiring additional information	24/11/08	01/12/08
Additional information received by email	01/12/08	-
Additional information received by email	02/12/08	-
Permit QP3838XG determined	09/01/09	-

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

QP3838XG

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

Wilton Waste Treatment Limited (“the operator”),

whose registered office is

Wilton Waste Treatment Limited

Forewinds Kilton Lane

Lingdale

Cleveland

TS12 3EG

company registration number 05426601

to operate an installation at

Wilton Waste Treatment Plant

Boundary Road West


Wilton International

Middlesbrough

Cleveland

TS6 8JH

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

Signed	Date
	9 th January 2009

Simon Holbrook

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 red 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 table S3.2; and
- (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.
- (d) It is only submitted to an activity specified for that waste type in Table S1.1 of Schedule 1 and is not excluded from that activity by Table S3.3 of Schedule 3.

- 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

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 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4A have been completed.
- 2.6.2 The operations specified in schedule 1 table S1.4B shall not commence until the measures specified in that table have been completed.

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 concentration of List I substances (as defined in the Dangerous Substances Directive 76/446/EEC) in the emission to controlled waters shall not exceed the levels specified in Table S4.2 or exceed the 'List I General Standards' specified in Table S4.6.
- 3.1.3 The quantity of List II substances (as defined in the Dangerous Substances Directive 76/464/EEC) shall not cause any of the relevant Environmental Quality Standards set out in DoE Circular 007/89, SI 1997 No2560 and SI 1998 No389 to be exceeded in the receiving controlled water.
- 3.1.4 Total annual emissions from the emission point(s) set out in tables schedule 4 S4.1, S4.2 and S4.3 of a substance listed in schedule 4 table S4.4 shall not exceed the relevant limit in table S4.4.

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, including those specified in schedule 1 table S1.5, 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, S4.2 and S4.3;
 - (b) process monitoring specified in table S4.5.
- 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 and the environmental or other monitoring 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, S4.2 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 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; and
 - (b) 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 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D9: Physico-chemical treatment of hazardous waste consisting of pH adjustment and filtration.	Hazardous waste listed under 'pH adjustment' marked 'X' in Table S3.2. pH adjustment restricted to Tank 6 as shown on Site Layout Plan B2.1.3 and shall be undertaken in accordance with Standard Operating Procedure 15. Maximum treatment capacity restricted to 100 tonnes per day.
Section 5.3 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D8: Biological treatment of hazardous waste.	Hazardous waste listed under 'Biological Treatment' marked as 'X' in Table S3.2. Biological treatment shall be restricted to biocats 1-4 shown on Site Layout Plan B2.1.3 and be undertaken in accordance section 2.1.4 under 'In-process controls' and Standard Operating Procedure 17. Maximum treatment capacity restricted to 100 tonnes per day.
Section 5.3 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D8: Biological treatment of hazardous waste.	Hazardous waste listed under 'Biopile treatment' marked as 'X' in Table S3.2. Biological treatment shall be restricted to biopiles within the building marked as 'J' shown on Site Layout Plan B2.1.3 and be undertaken in accordance with section 2.1.4 under 'In-process controls' and Standard Operating Procedure 18. Maximum treatment capacity restricted to 5 tonnes per day.
Section 5.3 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D15: Storage of hazardous waste.	Hazardous waste listed in Table S3.2 shall be restricted to bulk storage tanks 1-5. Wastes shall be stored in accordance with Site Layout Plan B2.1.3 and section 2.1.3 under Index 5 'In-process controls'. Maximum storage capacities and duration as detailed in Table B2.1.11 of the application. Asbestos waste shall be stored in a sealed lockable container.
Section 5.3 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D13: Blending or mixing of hazardous wastes prior to submission of any operation numbered D1 to D12 (D13).	Hazardous waste listed in Table S3.2. Blending/mixing of hazardous waste shall be undertaken in accordance with Standard Operating Procedure 16.
Section 5.3 A (1) (a): The disposal of hazardous waste (other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day).	D14: Repackaging and bulking of hazardous waste.	Hazardous waste listed in Table S3.2. Repackaging of hazardous waste shall take place within Area C and H as indicated on Site Layout Plan B2.1.3.

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 A (1) (b): The disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	R13/R3: Storage pending transfer off site for recovery. D15: Storage of oils pending disposal off site.	Waste types listed under 'Oil and water separation' marked as 'X' in Table S3.2 shall be restricted to bulk storage tanks 1-4. Maximum treatment capacity 100 tonnes per day.
Directly Associated Activity		
Storage of non-hazardous waste	D15: Storage of non-hazardous waste prior to and after treatment from the listed activities stated above and Directly Associated Activities stated below.	Non-hazardous wastes specified in Table S3.2. Wastes shall be stored in accordance with Site Layout Plan B2.1.3 and section 2.1.3 under Index 5 'In-process controls'. Maximum storage capacities and duration as detailed in Table B2.1.11 of the application.
Physico-chemical treatment of non-hazardous waste	D9: Physico-chemical treatment of non-hazardous waste consisting of pH adjustment and filtration.	Non-hazardous waste listed under 'pH adjustment' in Table S3.2. pH adjustment restricted to Tank 6 as shown on Site Layout Plan B2.1.3 and shall be undertaken in accordance with Standard Operating Procedure 15. Maximum treatment capacity restricted to <50 tonnes per day.
Biological treatment of non-hazardous waste	D8: Biological treatment of non-hazardous waste.	Non-hazardous waste under 'Biological Treatment' marked 'X' in Table S3.2 Biological treatment shall be restricted to biocats 1-4 shown on Site Layout Plan B2.1.3 and be undertaken in accordance with section 2.1.4 under 'In-process controls' and Standard Operating Procedure 17. Maximum treatment capacity restricted to <50 tonnes per day.
Biological treatment of non-hazardous waste	D8: Biological treatment of non-hazardous waste.	Non-hazardous waste listed under 'Biopile Treatment' marked 'X' in Table S3.2. Biological treatment shall be restricted to biopiles within the building marked as 'J' shown on Site Layout Plan B2.1.3 and be undertaken in accordance with section 2.1.4 under 'In-process controls' and Standard Operating Procedure 18. Maximum treatment capacity restricted to 5 tonnes per day.
Blending or mixing of non-hazardous wastes	D13: Blending or mixing of non-hazardous wastes prior to submission of any operation numbered D1 to D12 (D13).	Non-hazardous waste listed in Table S3.2. Blending/mixing of non-hazardous waste shall be undertaken in accordance with Standard Operating Procedure 16.

Directly Associated Activity		
Bulking of non-hazardous wastes	D14: Bulking of non-hazardous waste.	Non-hazardous waste listed in Table S3.2.
Washing and crushing of non-hazardous waste containers	R3/R4: Washing and crushing of non-hazardous waste containers for reuse or recycling off site.	Wastes listed in Table S3.2. Within area marked 'Drum washing and crushing' on Site Layout Plan B2.1.3. Washing of containers shall take place in accordance with section 2.1.13 under 'In-process controls' and Standard Operating Procedure 23.
Washing of hazardous waste containers	R3/R4: Washing of hazardous waste containers for reuse or recycling off site.	Wastes listed in Table S3.2. Within area marked 'Drum washing and crushing' on Site Layout Plan B2.1.3. Washing of containers shall take place in accordance with section 2.1.13 under 'In-process controls' and Standard Operating Procedure 23.
Tanker washing	D9: Washing of residues from tankers	Wastes types specified in Table S3.2. Within area marked 'Tanker washing' on Site Layout Plan B2.1.3 and in accordance with section 2.1.14 under 'In-process controls'.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application submission 1	All parts of application excluded.	28/03/08
Application submission 2	All parts of application excluded.	14/07/08
Application submission 3	All parts.	01/12/08
Schedule 4 Notice Request dated 16/05/08	Responses to all questions excluding 60 and 76.	08/07/08
Request for information dated 24/11/08	All parts.	01/12/08
Request for information dated 28/11/08	All parts.	01/12/08
Request for information dated 01/12/08	All parts.	01/12/08
Request for information dated 01/12/08	All parts.	02/12/08

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP1	The Operator shall produce a site closure plan, in accordance with section 2.11 of IPPC S5.06 'Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste'. A copy of the plan shall be submitted to the Environment Agency for approval.	Within 6 months of the date of issue of the permit.
IP2	<p>The operator shall undertake monitoring of emissions to air and water from emission points A1 and W1, in order to validate the emissions data provided in the H1 application submitted with this application.</p> <p>Monitoring shall be in accordance with the approved proposals in response to permit condition 2.6.2 [Schedule 1, Table S1.4A, Reference 4].</p> <p>A report shall be submitted to the Environment Agency, which shall include, but not be limited to the following:</p> <ul style="list-style-type: none">▪ a summary of the monitoring results;▪ a revised H1 impact assessment for the emissions; and▪ proposals to reduce emissions and a timetable for implementation should the H1 impact assessment conclude the emissions will have a significant impact. <p>The report shall be used to assess the requirement for setting any additional monitoring parameters.</p>	Within 3 months of approval of reference 4 in Table S1.4A.
IP3	<p>The operator shall undertake monitoring of emissions to air and water from emission points A1 and W1, after biocats 3 and 4 have commenced operations, in order to validate the emissions data provided in the H1 application submitted with this application.</p> <p>Monitoring shall be in accordance with the approved proposals in response to permit condition 2.6.2 [Schedule 1, Table S1.4B, Reference 3].</p> <p>A report shall be submitted to the Environment Agency, which shall include, but not be limited to the following:</p> <ul style="list-style-type: none">▪ a summary of the monitoring results;▪ a revised H1 impact assessment for the emissions; and▪ proposals to reduce emissions and a timetable for implementation should the H1 impact assessment conclude the emissions will have a significant impact. <p>The report shall be used to assess the requirement for setting any additional monitoring parameters.</p>	Within 3 months of approval of reference 3 in Table S1.4B.

Table S1.4A Pre-operational measures

Reference	Pre-operational measures
1	The operator shall submit a report to the Environment Agency for approval, demonstrating that all engineered site containment (including sumps, bunds and offload pit 11), bulk liquid storage tanks, pipelines and drainage systems comply with the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06 at least 2 weeks before the start of operations. Details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance shall be included in the report.
2	The operator shall submit a Site Layout Plan (B2.1.3) for the site to the Environment Agency at least 2 weeks before the start of operations.
3	The operator shall submit an inspection and preventative maintenance programme to the Environment Agency for approval, at least 2 weeks before the start of operations and shall address the Indicative BAT requirements within Section 2.3 of Sector Guidance IPPC S5.06.
4	The operator shall submit a report to the Environment Agency for approval, detailing the proposed methods for monitoring emissions to air and water from release points A1 and W1, at least 4 weeks before the start of operations. The report shall include but not be limited to the following: <ul style="list-style-type: none"> ▪ proposals for one set of monitoring, in line with MCERTS requirements specified in condition 3.6.3 of this permit for emission point A1; ▪ proposals for monitoring, in line with MCERTS requirements specified in condition 3.6.3 of this permit for emission point W1; ▪ appropriate parameters to be assessed during a range of operating conditions for emission points A1 and W1; and ▪ address the requirements of Environment Agency technical guidance notes M1, M2 and M18.

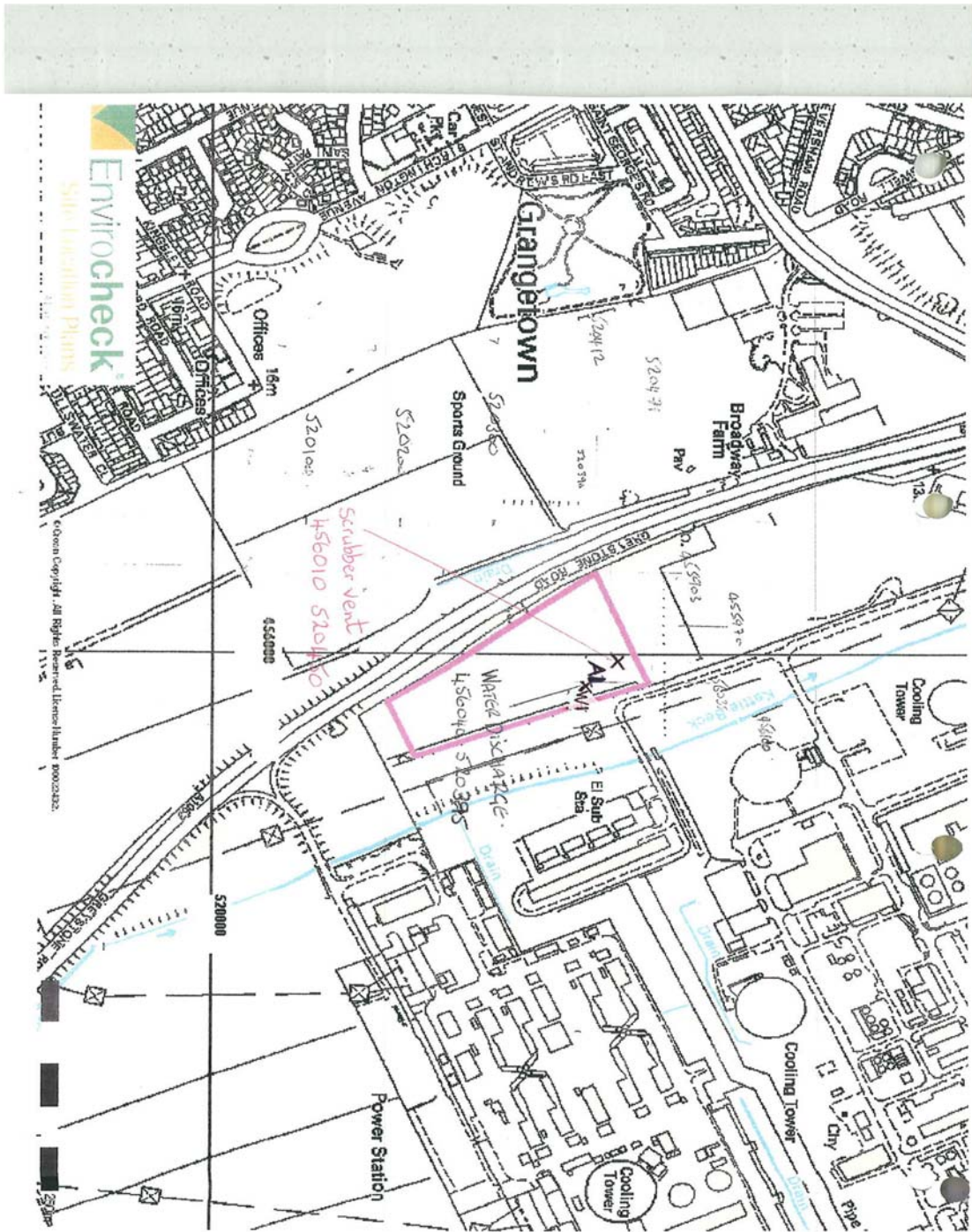
Table S1.4B Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1	Biocats 3 and 4	The operator shall submit a report demonstrating that biocats 3 and 4, pipelines and secondary containment have been leak-tested at least 2 weeks before biocats 3 and 4 are commissioned for operating.
2	Tank 4	The operator shall submit a report demonstrating that Tank 4 and any associated pipelines and secondary containment have been leak-tested at least 2 weeks before Tank 4 is commissioned for operating.
3	Biocats 3 and 4	The operator shall submit a report to the Environment Agency for approval, detailing the proposed methods for monitoring emissions to air and water from release points A1 and W1, respectively at least 4 weeks before biocats 3 and 4 are commissioned for operating. The report shall include but not be limited to the following: <ul style="list-style-type: none"> ▪ proposals for one set of monitoring, in line with MCERTS requirements specified in condition 3.6.3 of this permit for emission point A1; ▪ proposals for monitoring, in line with MCERTS requirements specified in condition 3.6.3 of this permit for emission point W1; ▪ appropriate parameters to be assessed during a range of operating conditions for emission points A1 and W1; and ▪ address the requirements of Environment Agency technical guidance notes M1, M2 and M18.

Table S1.5 Appropriate measures for fugitive emissions

Measure	Dates
A fugitive emission management plan shall be submitted to the Agency, detailing the measures to be used to control fugitives emissions and shall be in accordance with section 2.2.4 of Sector Guidance Note IPPC S5.06, December 2004.	Within 3 months of commissioning operations on site.
The plan shall be implemented by the operator within 3 months from the date of approval in writing by the Agency.	

Schedule 2 - Site plan



Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationery Office ©Crown Copyright 2000. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.

Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

Raw materials and fuel description	Specification
-	-

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS					
01 01	wastes from mineral excavation					
01 01 01	wastes from mineral metalliferous excavation		X	X	X	
01 01 02	wastes from mineral non-metalliferous excavation		X	X	X	
01 03	wastes from physical and chemical processing of metalliferous minerals					
01 03 04*	acid-generating tailings from processing of sulphide ore	X	X			
01 03 05*	other tailings containing dangerous substances	X	X	X	X	
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05		X	X	X	
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals	X	X	X	X	X
01 04	wastes from physical and chemical processing of non-metalliferous minerals					
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals	X	X	X	X	X
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07 ⁽¹⁾					
01 04 09	waste sand and clays ⁽¹⁾				X	
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07 ⁽¹⁾				X	
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07		X			
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11		X	X	X	
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07		X	X	X	
01 05	drilling muds and other drilling wastes					
01 05 04	freshwater drilling muds and wastes		X	X	X	
01 05 05*	oil-containing drilling muds and wastes	X	X	X	X	X
01 05 06*	drilling muds and other drilling wastes containing dangerous substances	X	X	X	X	
01 05 07	barite containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06		X	X	X	
01 05 08	chloride containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06		X	X	X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING					
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing					
02 01 01	sludges from washing and cleaning		X	X	X	
02 01 08*	agrochemical waste containing dangerous substances	X	X	X	X	
02 01 09	agrochemical waste other than those mentioned in 02 01 08		X	X	X	
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation					
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation		X	X	X	
02 03 02	wastes from preserving agents		X	X	X	
02 03 03	wastes from solvent extraction		X	X	X	
02 03 04	materials unsuitable for consumption or processing		X	X		
02 03 05	sludges from on-site effluent treatment		X	X	X	
02 04	wastes from sugar processing					
02 04 01	soil from cleaning and washing beet				X	
02 04 03	sludges from on-site effluent treatment		X	X	X	
02 05	wastes from the dairy products industry					
02 05 01	materials unsuitable for consumption or processing		X	X		
02 05 02	sludges from on-site effluent treatment		X	X	X	
02 06	wastes from the baking and confectionery industry					
02 06 01	materials unsuitable for consumption or processing		X	X		
02 06 02	wastes from preserving agents		X	X	X	
02 06 03	sludges from on-site effluent treatment		X	X	X	
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)					
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials		X	X	X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
02 07 02	wastes from spirits distillation		X	X		
02 07 03	wastes from chemical treatment		X	X	X	
02 07 04	materials unsuitable for consumption or processing		X	X		
02 07 05	sludges from on-site effluent treatment		X	X	X	
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD					
03 01	wastes from wood processing and the production of panels and furniture					
03 01 01	waste bark and cork (1)				X	
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances	X			X	
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 (1)				X	
03 02	wastes from wood preservation					
03 02 01*	non-halogenated organic wood preservatives	X	X	X		
03 02 02*	organochlorinated wood preservatives	X	X	X		
03 02 04*	inorganic wood preservatives	X				
03 02 05*	other wood preservatives containing dangerous substances	X	X	X		
03 03	wastes from pulp, paper and cardboard production and processing					
03 03 02	green liquor sludge (from recovery of cooking liquor)		X	X	X	
03 03 05	de-inking sludges from paper recycling		X	X	X	
03 03 09	lime mud waste		X			
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation (1)				X	
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10		X	X	X	
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES					
04 01	wastes from the leather and fur industry					
04 01 02	liming waste		X			
04 01 03*	degreasing wastes containing solvents without a liquid phase	X			X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
04 01 04	tanning liquor containing chromium		X			
04 01 05	tanning liquor free of chromium		X			
04 01 06	sludges, in particular from on-site effluent treatment containing chromium		X			
04 01 07	sludges, in particular from on-site effluent treatment free of chromium		X	X	X	
04 01 09	wastes from dressing and finishing		X	X	X	
04 02	wastes from the textile industry					
04 02 10	organic matter from natural products (for example grease, wax)		X	X	X	
04 02 14*	wastes from finishing containing organic solvents	X	X	X	X	
04 02 15	wastes from finishing other than those mentioned in 04 02 14		X	X	X	
04 02 16*	dyestuffs and pigments containing dangerous substances	X	X	X	X	
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16		X	X	X	
04 02 19*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19		X	X	X	
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL					
05 01	wastes from petroleum refining					
05 01 02*	desalter sludges	X	X	X	X	
05 01 03*	tank bottom sludges	X	X	X	X	
05 01 04*	acid alkyl sludges	X	X			
05 01 05*	oil spills	X	X	X	X	X
05 01 06*	oily sludges from maintenance operations of the plant or equipment	X	X	X	X	X
05 01 07*	acid tars	X				
05 01 08*	other tars ⁽²⁾	X			X	
05 01 09*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09		X	X	X	
05 01 11*	wastes from cleaning of fuels with bases	X	X			

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
05 01 12*	oil containing acids	X	X	X		X
05 01 13	boiler feedwater sludges		X	X	X	
05 01 14	wastes from cooling columns		X	X		
05 01 15*	spent filter clays	X			X	
05 01 16	sulphur-containing wastes from petroleum desulphurisation			X	X	
05 06	wastes from the pyrolytic treatment of coal					
05 06 01*	acid tars	X				
05 06 03*	other tars ⁽²⁾	X			X	
05 06 04	waste from cooling columns		X	X	X	
05 07	wastes from natural gas purification and transportation					
05 07 01*	wastes containing mercury	X				
05 07 02	wastes containing sulphur			X	X	
06	WASTES FROM INORGANIC CHEMICAL PROCESSES					
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids					
06 01 01*	sulphuric acid and sulphurous acid	X	X			
06 01 02*	hydrochloric acid	X	X			
06 01 03*	hydrofluoric acid	X				
06 01 04*	phosphoric and phosphorous acid	X	X			
06 01 05*	nitric acid and nitrous acid	X	X			
06 01 06*	other acids	X	X			
06 02	wastes from the MFSU of bases					
06 02 01*	calcium hydroxide	X	X			
06 02 03*	ammonium hydroxide	X				
06 02 04*	sodium and potassium hydroxide	X	X			
06 02 05*	other bases	X	X			
06 03	wastes from the MFSU of salts and their solutions and metallic oxides					

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
06 03 11*	solid salts and solutions containing cyanides	X				
06 03 13*	solid salts and solutions containing heavy metals	X				
06 03 15*	metallic oxides containing heavy metals	X				
06 04	metal-containing wastes other than those mentioned in 06 03					
06 04 03*	wastes containing arsenic	X				
06 04 04*	wastes containing mercury	X				
06 04 05*	wastes containing other heavy metals	X				
06 05	sludges from on-site effluent treatment					
06 05 02*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	X
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02		X	X	X	
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes					
06 06 02*	wastes containing dangerous sulphides	X		X	X	
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02		X	X	X	
06 07	wastes from the MFSU of halogens and halogen chemical processes					
06 07 01*	wastes containing asbestos from electrolysis	X				
06 07 02*	activated carbon from chlorine production	X				
06 07 03*	barium sulphate sludge containing mercury	X				
06 07 04*	solutions and acids, for example contact acid	X	X			
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes					
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances	X				
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture					
06 10 02*	wastes containing dangerous substances	X	X	X	X	
06 13	wastes from inorganic chemical processes not otherwise specified					
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides.	X				

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
06 13 02*	spent activated carbon (except 06 07 02)	X			X	
06 13 04*	wastes from asbestos processing	X				
06 13 05*	soot	X				
07	WASTES FROM ORGANIC CHEMICAL PROCESSES					
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals					
07 01 01*	aqueous washing liquids and mother liquors	X	X	X		
07 01 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 01 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 01 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 01 08*	other still bottoms and reaction residues	X	X	X	X	
07 01 09*	halogenated filter cakes and spent absorbents	X			X	
07 01 10*	other filter cakes and spent absorbents	X			X	
07 01 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11		X	X	X	
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres					
07 02 01*	aqueous washing liquids and mother liquors	X	X	X		
07 02 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 02 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 02 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 02 08*	other still bottoms and reaction residues	X	X	X	X	
07 02 09*	halogenated filter cakes and spent absorbents	X			X	
07 02 10*	other filter cakes and spent absorbents	X			X	
07 02 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11		X	X	X	
07 02 14*	wastes from additives containing dangerous substances	X	X	X	X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
07 02 15	wastes from additives other than those mentioned in 07 02 14		X	X	X	
07 02 16*	wastes containing dangerous silicones	X				
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)					
07 03 01*	aqueous washing liquids and mother liquors	X	X	X		
07 03 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 03 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 03 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 03 08*	other still bottoms and reaction residues	X	X	X	X	
07 03 09*	halogenated filter cakes and spent absorbents	X			X	
07 03 10*	other filter cakes and spent absorbents	X			X	
07 03 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11		X	X	X	
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides					
07 04 01*	aqueous washing liquids and mother liquors	X	X	X		
07 04 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 04 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 04 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 04 08*	other still bottoms and reaction residues	X	X	X	X	
07 04 09*	halogenated filter cakes and spent absorbents	X			X	
07 04 10*	other filter cakes and spent absorbents	X			X	
07 04 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11		X	X	X	
07 04 13*	solid wastes containing dangerous substances	X			X	
07 05	wastes from the MFSU of pharmaceuticals					
07 05 01*	aqueous washing liquids and mother liquors	X	X	X		

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
07 05 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 05 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 05 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 05 08*	other still bottoms and reaction residues	X	X	X	X	
07 05 09*	halogenated filter cakes and spent absorbents	X			X	
07 05 10*	other filter cakes and spent absorbents	X			X	
07 05 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11		X	X	X	
07 05 13*	solid wastes containing dangerous substances	X			X	
07 05 14	solid wastes other than those mentioned in 07 05 13				X	
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics					
07 06 01*	aqueous washing liquids and mother liquors	X	X	X		
07 06 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 06 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 06 07*	halogenated still bottoms and reaction residues	X	X	X	X	
07 06 08*	other still bottoms and reaction residues	X	X	X	X	
07 06 09*	halogenated filter cakes and spent absorbents	X			X	
07 06 10*	other filter cakes and spent absorbents	X			X	
07 06 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11		X	X	X	
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified					
07 07 01*	aqueous washing liquids and mother liquors	X	X	X		
07 07 03*	organic halogenated solvents, washing liquids and mother liquors	X	X	X		
07 07 04*	other organic solvents, washing liquids and mother liquors	X	X	X		
07 07 07*	halogenated still bottoms and reaction residues	X	X	X	X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
07 07 08*	other still bottoms and reaction residues	X	X	X	X	
07 07 09*	halogenated filter cakes and spent absorbents	X			X	
07 07 10*	other filter cakes and spent absorbents	X			X	
07 07 11*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11		X	X	X	
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS					
08 01	wastes from MFSU and removal of paint and varnish					
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances	X	X	X		
08 01 12	waste paint and varnish other than those mentioned in 08 01 11		X	X		
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances	X	X	X	X	
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13		X	X	X	
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	X	X	X	X	
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15		X	X	X	
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances	X	X	X		
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17		X	X		
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances	X	X	X		
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19		X	X		
08 01 21*	waste paint or varnish remover	X	X	X		
08 02	wastes from MFSU of other coatings (including ceramic materials)					
08 02 01	waste coating powders				X	
08 02 02	aqueous sludges containing ceramic materials		X	X	X	
08 02 03	aqueous suspensions containing ceramic materials		X	X		
08 03	wastes from MFSU of printing inks					
08 03 07	aqueous sludges containing ink		X	X	X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
08 03 08	aqueous liquid waste containing ink		X	X		
08 03 12*	waste ink containing dangerous substances	X	X	X		
08 03 13	waste ink other than those mentioned in 08 03 12		X	X		
08 03 14*	ink sludges containing dangerous substances	X	X	X	X	
08 03 15	ink sludges other than those mentioned in 08 03 14		X	X	X	
08 03 16*	waste etching solutions	X	X			
08 03 17*	waste printing toner containing dangerous substances	X				
08 03 19*	disperse oil	X	X	X		X
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)					
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances	X	X	X		
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09		X	X		
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances	X	X	X	X	
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11		X	X	X	
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances	X	X	X	X	
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13		X	X	X	
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances	X	X	X		
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15		X	X		
08 04 17*	rosin oil	X				
08 05	wastes not otherwise specified in 08					
08 05 01*	waste isocyanates	X				
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY					
09 01	wastes from the photographic industry					
09 01 01*	water-based developer and activator solutions	X	X	X		
09 01 02*	water-based offset plate developer solutions	X	X	X		
09 01 03*	solvent-based developer solutions	X	X	X		

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
09 01 04*	fixer solutions	X				
09 01 05*	bleach solutions and bleach fixer solutions	X				
09 01 06*	wastes containing silver from on-site treatment of photographic wastes	X				
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03	X				
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	X				
10	WASTES FROM THERMAL PROCESSES					
10 01	wastes from power stations and other combustion plants (except 19)					
10 01 04*	oil fly ash and boiler dust	X				
10 01 09*	sulphuric acid	X	X			
10 01 13*	fly ash from emulsified hydrocarbons used as fuel	X				
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances	X				
10 01 16*	fly ash from co-incineration containing dangerous substances	X				
10 01 18*	wastes from gas cleaning containing dangerous substances	X	X	X	X	
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18		X	X	X	
10 01 20*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20		X	X	X	
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances	X	X	X	X	
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22		X	X	X	
10 01 24	sands from fluidised beds ⁽¹⁾				X	
10 01 25	wastes from fuel storage and preparation of coal-fired power plants		X	X	X	X
10 01 26	wastes from cooling-water treatment		X	X	X	
10 02	wastes from the iron and steel industry					
10 02 01	wastes from the processing of slag		X	X	X	
10 02 02	unprocessed slag		X	X	X	
10 02 07*	solid wastes from gas treatment containing dangerous substances	X			X	
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07				X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
10 02 10	mill scales		X	X	X	
10 02 11*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11		X	X		
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances	X	X	X	X	
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13		X	X	X	
10 02 15	other sludges and filter cakes		X	X	X	
10 03	wastes from aluminium thermal metallurgy					
10 03 04*	primary production slags	X				
10 03 08*	salt slags from secondary production	X				
10 03 09*	black drosses from secondary production	X				
10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X				
10 03 17*	tar-containing wastes from anode manufacture	X				
10 03 19*	flue-gas dust containing dangerous substances	X				
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances	X				
10 03 23*	solid wastes from gas treatment containing dangerous substances	X			X	
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23				X	
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances	X	X	X	X	
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25		X	X	X	
10 03 27*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27		X	X	X	
10 03 29*	wastes from treatment of salt slags and black drosses containing dangerous substances	X				
10 04	wastes from lead thermal metallurgy					
10 04 01*	slags from primary and secondary production	X				
10 04 02*	dross and skimmings from primary and secondary production	X				
10 04 03*	calcium arsenate	X				
10 04 04*	flue-gas dust	X				

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
10 04 05*	other particulates and dust	X				
10 04 06*	solid wastes from gas treatment	X			X	
10 04 07*	sludges and filter cakes from gas treatment	X	X	X	X	
10 04 09*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09		X	X	X	
10 05	wastes from zinc thermal metallurgy					
10 05 03*	flue-gas dust	X				
10 05 05*	solid waste from gas treatment	X			X	
10 05 06*	sludges and filter cakes from gas treatment	X	X	X	X	
10 05 08*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08		X	X	X	
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X				
10 06	wastes from copper thermal metallurgy					
10 06 03*	flue-gas dust	X				
10 06 06*	solid wastes from gas treatment	X			X	
10 06 07*	sludges and filter cakes from gas treatment	X	X	X	X	
10 06 09*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09		X	X	X	
10 07	wastes from silver, gold and platinum thermal metallurgy					
10 07 03	solid wastes from gas treatment				X	
10 07 05	sludges and filter cakes from gas treatment		X	X	X	
10 07 07*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07		X	X	X	
10 08	wastes from other non-ferrous thermal metallurgy					
10 08 08*	salt slag from primary and secondary production	X				
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	X				

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
	quantities					
10 08 12*	tar-containing wastes from anode manufacture	X				
10 08 15*	flue-gas dust containing dangerous substances	X				
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances	X	X	X	X	
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17		X	X	X	
10 08 19*	wastes from cooling-water treatment containing oil	X	X	X	X	X
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19		X	X	X	
10 09	wastes from casting of ferrous pieces					
10 09 05*	casting cores and moulds which have not undergone pouring containing dangerous substances	X				
10 09 07*	casting cores and moulds which have undergone pouring containing dangerous substances	X			X	
10 09 09*	flue-gas dust containing dangerous substances	X				
10 09 11*	other particulates containing dangerous substances	X				
10 09 13*	waste binders containing dangerous substances	X	X	X	X	
10 09 14	waste binders other than those mentioned in 10 09 13		X	X	X	
10 09 15*	waste crack-indicating agent containing dangerous substances	X	X	X		
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15		X	X		
10 10	wastes from casting of non-ferrous pieces					
10 10 05*	casting cores and moulds which have not undergone pouring, containing dangerous substances	X			X	
10 10 07*	casting cores and moulds which have undergone pouring, containing dangerous substances	X				
10 10 09*	flue-gas dust containing dangerous substances	X				
10 10 11*	other particulates containing dangerous substances	X				
10 10 13*	waste binders containing dangerous substances	X	X	X	X	
10 10 14	waste binders other than those mentioned in 10 10 13		X	X	X	
10 10 15*	waste crack-indicating agent containing dangerous substances	X	X	X		
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15		X	X		
10 11	wastes from manufacture of glass and glass products					

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances	X				
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)	X				
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances	X				
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances	X			X	
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15				X	
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances	X	X	X	X	
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17		X	X	X	
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances	X			X	
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19				X	
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products					
10 12 05	sludges and filter cakes from gas treatment		X	X	X	
10 12 09*	solid wastes from gas treatment containing dangerous substances	X			X	
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09				X	
10 12 11*	wastes from glazing containing heavy metals	X				
10 12 13	sludge from on-site effluent treatment		X	X	X	
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them					
10 13 04	wastes from calcination and hydration of lime				X	
10 13 07	sludges and filter cakes from gas treatment		X	X	X	
10 13 09*	wastes from asbestos-cement manufacture containing asbestos	X				
10 13 12*	solid wastes from gas treatment containing dangerous substances	X			X	
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12				X	
10 14	waste from crematoria					
10 14 01*	waste from gas cleaning containing mercury	X				
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY					

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)					
11 01 05*	pickling acids	X	X			
11 01 06*	acids not otherwise specified	X	X			
11 01 07*	pickling bases	X	X			
11 01 08*	phosphatising sludges	X	X			
11 01 09*	sludges and filter cakes containing dangerous substances	X	X	X	X	
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09	X	X	X	X	
11 01 11*	aqueous rinsing liquids containing dangerous substances	X	X	X		
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11		X	X		
11 01 13*	degreasing wastes containing dangerous substances	X	X	X	X	X
11 01 14	degreasing wastes other than those mentioned in 11 01 13		X	X	X	
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances	X	X	X	X	
11 01 16*	saturated or spent ion exchange resins	X				
11 01 98*	other wastes containing dangerous substances	X	X	X	X	
11 02	wastes from non-ferrous hydrometallurgical processes					
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)	X	X	X		
11 02 05*	wastes from copper hydrometallurgical processes containing dangerous substances	X	X	X	X	
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05		X	X	X	
11 02 07*	other wastes containing dangerous substances	X	X	X	X	
11 03	sludges and solids from tempering processes					
11 03 01*	wastes containing cyanide	X				
11 03 02*	other wastes	X				
11 05	wastes from hot galvanising processes					
11 05 03*	solid wastes from gas treatment	X			X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
11 05 04*	spent flux	X				
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS					
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics					
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)		X	X		X
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)		X	X		X
12 01 08*	machining emulsions and solutions containing halogens		X	X		X
12 01 09*	machining emulsions and solutions free of halogens		X	X		X
12 01 10*	synthetic machining oils		X	X		X
12 01 12*	spent waxes and fats	X	X	X	X	X
12 01 14*	machining sludges containing dangerous substances	X	X	X	X	X
12 01 15	machining sludges other than those mentioned in 12 01 14		X	X	X	
12 01 16*	waste blasting material containing dangerous substances	X			X	
12 01 17	waste blasting material other than those mentioned in 12 01 16				X	
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	X	X	X	X	X
12 01 19*	readily biodegradable machining oil		X	X		X
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances	X			X	
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20				X	
12 03	wastes from water and steam degreasing processes (except 11)					
12 03 01*	aqueous washing liquids	X	X	X		X
12 03 02*	steam degreasing wastes	X	X	X	X	X
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)					
13 01	waste hydraulic oils					
13 01 01*	hydraulic oils, containing PCBs	X				
13 01 04*	chlorinated emulsions	X	X	X		X

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
13 01 05*	non-chlorinated emulsions	X	X	X		X
13 01 09*	mineral-based chlorinated hydraulic oils	X	X	X		X
13 01 10*	mineral based non-chlorinated hydraulic oils	X	X	X		X
13 01 11*	synthetic hydraulic oils	X	X	X		X
13 01 12*	readily biodegradable hydraulic oils	X	X	X		X
13 01 13*	other hydraulic oils	X	X	X		X
13 02	waste engine, gear and lubricating oils					
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils	X	X	X		X
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	X	X	X		X
13 02 06*	synthetic engine, gear and lubricating oils	X	X	X		X
13 02 07*	readily biodegradable engine, gear and lubricating oils	X	X	X		X
13 02 08*	other engine, gear and lubricating oils	X	X	X		X
13 03	waste insulating and heat transmission oils					
13 03 01*	insulating or heat transmission oils containing PCBs	X				
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	X	X	X		X
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils	X	X	X		X
13 03 08*	synthetic insulating and heat transmission oils	X	X	X		X
13 03 09*	readily biodegradable insulating and heat transmission oils	X	X	X		X
13 03 10*	other insulating and heat transmission oils	X	X	X		X
13 04	bilge oils					
13 04 01*	bilge oils from inland navigation	X	X	X		X
13 04 02*	bilge oils from jetty sewers	X	X	X		X
13 04 03*	bilge oils from other navigation	X	X	X		X
13 05	oil/water separator contents					
13 05 01*	solids from grit chambers and oil/water separators	X			X	X
13 05 02*	sludges from oil/water separators	X	X	X	X	X

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
13 05 03*	interceptor sludges	X	X	X	X	X
13 05 06*	oil from oil/water separators	X	X	X		X
13 05 07*	oily water from oil/water separators	X	X	X		X
13 05 08*	mixtures of wastes from grit chambers and oil/water separators	X	X	X	X	X
13 07	wastes of liquid fuels					
13 07 01*	fuel oil and diesel	X				X
13 07 02*	petrol	X				
13 07 03*	other fuels (including mixtures)	X	X	X		X
13 08	oil wastes not otherwise specified					
13 08 01*	desalter sludges or emulsions	X	X	X	X	X
13 08 02*	other emulsions	X	X	X		X
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)					
14 06	waste organic solvents, refrigerants and foam/aerosol propellants					
14 06 01*	chlorofluorocarbons, HCFC, HFC	X				
14 06 02*	other halogenated solvents and solvent mixtures	X	X	X		
14 06 03*	other solvents and solvent mixtures	X	X	X		
14 06 04*	sludges or solid wastes containing halogenated solvents	X	X	X	X	
14 06 05*	sludges or solid wastes containing other solvents	X	X	X	X	
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED					
15 01	packaging (including separately collected municipal packaging waste)					
15 01 10*	packaging containing residues of or contaminated by dangerous substances	X			X	
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers	X				
15 02	absorbents, filter materials, wiping cloths and protective clothing					
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	X			X	

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 (1)				X	
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST					
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)					
16 01 07*	oil filters	X				
16 01 08*	components containing mercury	X				
16 01 09*	components containing PCBs	X				
16 01 11*	brake pads containing asbestos	X				
16 01 13*	brake fluids	X	X	X		X
16 01 14*	antifreeze fluids containing dangerous substances	X	X	X		X
16 01 15	antifreeze fluids other than those mentioned in 16 01 14		X	X		X
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14	X				
16 02	wastes from electrical and electronic equipment					
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC	X				
16 02 12*	discarded equipment containing free asbestos	X				
16 02 13*	discarded equipment containing hazardous components (2) other than those mentioned in 16 02 09 to 16 02 12	X				
16 02 15*	hazardous components removed from discarded equipment	X				
16 03	off-specification batches and unused products					
16 03 03*	inorganic wastes containing dangerous substances	X	X			
16 03 04	inorganic wastes other than those mentioned in 16 03 03		X			
16 03 05*	organic wastes containing dangerous substances	X	X	X	X	X
16 03 06	organic wastes other than those mentioned in 16 03 05		X	X	X	
16 05	gases in pressure containers and discarded chemicals					
16 05 04*	gases in pressure containers (including halons) containing dangerous substances	X				
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	X	X	X		

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances	X	X			
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances	X	X	X		
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08		X	X	X	
16 06	batteries and accumulators					
16 06 01*	lead batteries	X				
16 06 02*	Ni-Cd batteries	X				
16 06 03*	mercury-containing batteries	X				
16 06 06*	separately collected electrolyte from batteries and accumulators	X				
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)					
16 07 08*	wastes containing oil	X	X	X	X	X
16 07 09*	wastes containing other dangerous substances	X	X	X	X	
16 08	spent catalysts					
16 08 02*	spent catalysts containing dangerous transition metals (3) or dangerous transition metal compounds	X				
16 08 05*	spent catalysts containing phosphoric acid	X				
16 08 06*	spent liquids used as catalysts	X		X		
16 08 07*	spent catalysts contaminated with dangerous substances	X		X	X	
16 09	oxidising substances					
16 09 01*	permanganates, for example potassium permanganate	X				
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate	X				
16 09 04*	oxidising substances, not otherwise specified	X				
16 10	aqueous liquid wastes destined for off-site treatment					
16 10 01*	aqueous liquid wastes containing dangerous substances	X	X	X		
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	X	X	X		
16 10 03*	aqueous concentrates containing dangerous substances	X	X	X		
16 10 04	aqueous concentrates other than those mentioned in 16 10 03		X	X		
16 11	waste linings and refractories					

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
16 11 01*	carbon-based linings and refractories from metallurgical processes containing dangerous substances	X				
16 11 03*	other linings and refractories from metallurgical processes containing dangerous substances	X				
16 11 05*	linings and refractories from non-metallurgical processes containing dangerous substances	X				
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)					
17 01	concrete, bricks, tiles and ceramics					
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances	X			X	
17 02	wood, glass and plastic					
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances	X				
17 03	bituminous mixtures, coal tar and tarred products					
17 03 01*	bituminous mixtures containing coal tar	X				
17 03 03*	coal tar and tarred products	X				
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil					
17 05 03*	soil and stones containing dangerous substances	X			X	
17 05 04	soil and stones other than those mentioned in 17 05 03				X	
17 05 05*	dredging spoil containing dangerous substances	X			X	
17 05 06	dredging spoil other than those mentioned in 17 05 05				X	
17 05 07*	track ballast containing dangerous substances	X			X	
17 05 08	track ballast other than those mentioned in 17 05 07				X	
17 06	insulation materials and asbestos-containing construction materials					
17 06 01*	insulation materials containing asbestos	X				
17 06 03*	other insulation materials consisting of or containing dangerous substances	X				
17 06 05*	construction materials containing asbestos	X				
17 08	gypsum-based construction material					
17 08 01*	gypsum-based construction materials contaminated with dangerous substances	X				
17 09	other construction and demolition wastes					

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
17 09 01*	construction and demolition waste containing mercury	X				
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances	X				
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)					
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans					
18 01 06*	chemicals consisting of or containing dangerous substances	X	X	X	X	
18 01 08*	cytotoxic and cytostatic medicines	X				
18 01 10*	amalgam waste from dental care	X				
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals					
18 02 05*	chemicals consisting of or containing dangerous substances	X	X	X	X	
18 02 07*	cytotoxic and cytostatic medicines	X				
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE					
19 01	wastes from incineration or pyrolysis of waste					
19 01 05*	filter cake from gas treatment	X			X	
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes	X	X	X		
19 01 07*	solid wastes from gas treatment	X			X	
19 01 10*	spent activated carbon from flue-gas treatment	X			X	
19 01 11*	bottom ash and slag containing dangerous substances	X				
19 01 13*	fly ash containing dangerous substances	X				
19 01 15*	boiler dust containing dangerous substances	X				
19 01 17*	pyrolysis wastes containing dangerous substances	X				
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)					
19 02 03	premixed wastes composed only of non-hazardous wastes		X	X	X	
19 02 04*	premixed wastes composed of at least one hazardous waste	X	X	X	X	X

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
19 02 05*	sludges from physico/chemical treatment containing dangerous substances	X	X	X	X	
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05		X	X	X	
19 02 07*	oil and concentrates from separation	X				X
19 02 08*	liquid combustible wastes containing dangerous substances	X	X	X		
19 02 09*	solid combustible wastes containing dangerous substances	X			X	
19 02 10	combustible waste other than those mentioned in 19 02 08 and 19 02 09		X	X	X	
19 02 11*	other wastes containing dangerous substances	X	X	X	X	
19 03	stabilised/solidified wastes					
19 03 04*	wastes marked as hazardous, partly stabilised	X				
19 03 06*	wastes marked as hazardous, solidified	X				
19 04	vitrified waste and wastes from vitrification					
19 04 02*	fly ash and other flue-gas treatment wastes	X				
19 04 03*	non-vitrified solid phase	X				
19 04 04	aqueous liquid wastes from vitrified waste tempering		X	X		
19 07	landfill leachate					
19 07 02*	landfill leachate containing dangerous substances	X	X	X		
19 07 03	landfill leachate other than those mentioned in 19 07 02		X	X		
19 08	wastes from waste water treatment plants not otherwise specified					
19 08 01	screenings			X	X	
19 08 02	waste from desanding			X	X	
19 08 05	sludges from treatment of urban waste			X	X	
19 08 06*	saturated or spent ion exchange resins	X				
19 08 07*	solutions and sludges from regeneration of ion exchangers	X				
19 08 08*	membrane system waste containing heavy metals	X				
19 08 09*	grease and oil mixture from oil/water separation containing edible oil and fats	X	X	X	X	X
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	X	X	X	X	X

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water	X	X	X	X	
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11		X	X	X	
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water	X	X	X	X	
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13		X	X	X	
19 09	wastes from the preparation of water intended for human consumption or water for industrial use					
19 09 01	solid waste from primary filtration and screenings				X	
19 09 02	sludges from water clarification		X	X	X	
19 09 03	sludges from decarbonation		X	X	X	
19 09 04	spent activated carbon				X	
19 09 06	solutions and sludges from regeneration of ion exchangers		X	X	X	
19 10	wastes from shredding of metal-containing wastes					
19 10 03*	fluff-light fraction and dust containing dangerous substances	X			X	
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03				X	
19 10 05*	other fractions containing dangerous substances	X			X	
19 10 06	other fractions other than those mentioned in 19 10 05				X	
19 11	wastes from oil regeneration					
19 11 01*	spent filter clays	X			X	
19 11 02*	acid tars	X				
19 11 03*	aqueous liquid wastes	X	X	X		X
19 11 04*	wastes from cleaning of fuel with bases	X	X			X
19 11 05*	sludges from on-site effluent treatment containing dangerous substances	X	X	X	X	X
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05		X	X	X	X
19 11 07*	wastes from flue-gas cleaning	X	X	X	X	
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified					
19 12 06*	wood containing dangerous substances	X				

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	X				
19 13	wastes from soil and groundwater remediation					
19 13 01*	solid wastes from soil remediation containing dangerous substances	X			X	
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01				X	
19 13 03*	sludges from soil remediation containing dangerous substances	X	X	X	X	
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03		X	X	X	
19 13 05*	sludges from groundwater remediation containing dangerous substances	X	X	X	X	
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05		X	X	X	
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	X	X	X		X
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07		X	X		
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS					
20 01	separately collected fractions (except 15 01)					
20 01 13*	solvents	X				
20 01 14*	acids	X				
20 01 15*	alkalines	X				
20 01 17*	photochemicals	X				
20 01 19*	pesticides	X				
20 01 21*	fluorescent tubes and other mercury-containing waste	X				
20 01 23*	discarded equipment containing chlorofluorocarbons	X				
20 01 26*	oil and fat other than those mentioned in 20 01 25	X				
20 01 27*	paint, inks, adhesives and resins containing dangerous substances	X				
20 01 29*	detergents containing dangerous substances	X				
20 01 31*	cytotoxic and cytostatic medicines	X				
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	X				

Table S3.2 Permitted waste types and quantities for storage or handling						
Maximum quantity	Annual throughput: 245,000 tonnes. Maximum capacity for individual activities specified in Schedule 1 Table S1.1, where necessary.	1 Transfer Station	2 pH Adjustment	3 Biological Treatment	4 Biopile Treatment	5 Oil and Water separation
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)					
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	X				
20 01 37*	wood containing dangerous substances	X				
20 02	garden and park wastes (including cemetery waste)					
20 03	other municipal wastes					
20 03 03	Street-cleaning residues			X	X	
20 03 04	septic tank sludge			X	X	
20 03 06	waste from sewage cleaning			X	X	

(1) to be used as carriers for organic wastes treated by the biopiling process.

(2) mobile tars only for biopiling process.

Table S3.3 Excluded waste types for treatment

Activity	Exclusions
Biopiling	<p>(i) Wastes shall be excluded with the following hazard codes: H1, H2, H9 and H12.</p> <p>(ii) Wastes shall be excluded if:</p> <ul style="list-style-type: none">▪ the pH is <4 or >8;▪ the concentration of the following metals are exceeded: Cadmium >0.005ppm Chromium >0.015ppm Nickel >0.030ppm Mercury >0.0005ppm Copper >0.005ppm Zinc >0.04ppm Lead >0.025ppm Tin >0.010ppm Silver >0.0005ppm; and▪ free liquids >1%.
pH adjustment	<p>(i) Wastes shall be excluded with the following hazard codes: H1, H2, H9 and H12.</p>
Biocats	<p>(i) Wastes shall be excluded with the following hazard codes: H1, H2, H9 and H12;</p> <p>(ii) Wastes shall be excluded if:</p> <ul style="list-style-type: none">▪ the concentration of the following metals are exceeded: Cadmium >0.005ppm Chromium >0.015ppm Nickel >0.030ppm Mercury >0.0005ppm Copper >0.005ppm Zinc >0.04ppm Lead >0.025ppm Tin >0.010ppm Silver >0.0005ppm; and▪ the pH is <4 or >8.

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]	No parameters set	Carbon filters serving Biocats 1-4, storage tanks 1-6, 9 , 10 and biopile building	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
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	List I and List II substances (as defined in the Dangerous Substances Directive 76/464/EEC)	Effluent Storage Tanks 8a and 8b	-	Spot sample	Quarterly Note 1	In accordance with M18 methodology unless otherwise agreed in writing by the Agency
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Mercury and its compounds, expressed as mercury (Total Hg)	Effluent Storage Tanks 8a and 8b	0.0003mg/l	Spot sample	Monthly Note 2	BS EN 135006
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Cadmium and its compounds, expressed as cadmium (Total Cd)	Effluent Storage Tanks 8a and 8b	0.0025mg/l	Spot sample	Monthly Note 2	BS 6068-2.89
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	1,2 Dichloroethane	Effluent Storage Tanks 8a and 8b	0.01mg/l	Spot sample	Monthly Note 2	BS 6068-2.58
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Chloroform	Effluent Storage Tanks 8a and 8b	0.012mg/l	Spot sample	Monthly Note 2	BS 6068-2.58
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Carbon tetrachloride	Effluent Storage Tanks 8a and 8b	0.012mg/l	Spot sample	Monthly Note 2	BS 6068-2.58
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	pH	Effluent Storage Tanks 8a and 8b	4-8	Spot sample	Prior to every release to surface water	BS 6068-2.50
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Total Organic Carbon (TOC)	Effluent Storage Tanks 8a and 8b	50mg/l	Spot sample	Prior to every release to surface water	BS EN1484

W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Biological Oxygen Demand (BOD)	Effluent Storage Tanks 8a and 8b	20mg/l	Spot sample	Prior to every release to surface water	SCA blue book 130 ISBN 0117522120
W1 [shown on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Suspended solids	Effluent Storage Tanks 8a and 8b	25mg/l	Spot sample	Prior to every release to surface water	BS EN 872 BS 6068 –2.54
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Oil and grease	Effluent Storage Tanks 8a and 8b	No visible oil/grease	Spot sample	Prior to every release to surface water	SCA bluebook 77- The Determination of Hydrocarbon Oils in waters by Solvent Extraction, Infra Red Absorption and Gravimetry 1983.
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Ammoniacal Nitrogen (expressed as N)	Effluent Storage Tanks 8a and 8b	20mg/l	Spot sample	Prior to every release to surface water	Method to be agreed with Environment Agency
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Total Phosphorous	Effluent Storage Tanks 8a and 8b	2mg/l	Spot sample	Prior to every release to surface water	BS ISO 15681:1 Bs 6068-2.86
W1 [on site plan in schedule 2. Emission to River Tees via Dabholm Gut]	Maximum Daily Volume	Effluent Storage Tanks 8a and 8b	100m ³ per day	24hour	Continuous	SCA estimation of Flow and Load, ISBN 011752364X

Note 1: Monthly monitoring shall be carried out, until otherwise agreed in writing by the Environment Agency.
Note 2: Weekly monitoring shall be carried out, until otherwise agreed in writing by the Environment Agency.

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
-						

Table S4.4 Annual limits		
Substance	Medium	Limit (including unit)
-		

Table S4.5 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Tank 6 Reaction monitoring (pH adjustment)	pH and temperature	Continuous during each batch	-	-
Tanks 9 and 10	pH maintained between 4-8	Continuous during each batch	-	-
Biocats 1-4	pH maintained between 4-8	Continuous during each batch	-	-

Table S4.6 List I General Standards

Substance	Limit: Total Concentration (ug/l)
Aldrin	0.02
Dieldrin	0.02
Endrin	0.01
Isodrin	0.01
DDT (all isomers)	0.05
para-para-DDT	0.02
Hexachlorobenzene	0.06
Hexachlorobutadiene	0.2
Hexachlorocyclohexane	0.2
Pentachlorophenol	4.0
Trichlorobenzene	0.8
Trichloroethylene	20
Tetrachloroethylene	20

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 water	W1	Every 6 months	09/01/2009
Parameters as required by condition 3.6.1			

Table S5.2 Annual production/treatment

Parameter	Units
-	-

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWs
Total raw material used	Annually	tonnes

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Water	Form water 1 or other form as agreed in writing by the Agency	09/01/09
Water usage	Form water usage1 or other form as agreed in writing by the Agency	09/01/09
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	09/01/09
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	09/01/09

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	QP3838XG
Name of operator	Wilton Waste Treatment Limited
Location of Installation	Boundary Road West Wilton International Cleveland Middlesbrough TS6 8JH
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.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Wilton Waste Treatment 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 or background concentration 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.

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

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

"*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