



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Red Industries (Stoke) Limited

Sneyd Hill Transfer and Treatment Centre
Sneyd Hill
Burslem
Stoke on Trent
Staffordshire
ST6 2DZ

Variation application number

EPR/LP3335MQ/V009

Permit number

EPR/LP3335MQ

Sneyd Hill Transfer and Treatment Centre

Permit number EPR/LP3335MQ

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

The variation is for the inclusion of a sealed aerosol canister treatment plant and the operation of a standby gas flare, within the boundary of the current permit.

Aerosol canisters are accepted at the site and stored within shipping containers with mesh side panels to allow air flow whilst preventing missiling in the event of an emergency situation. The containers will be placed on concrete hard standing with suitable separation distances between each container to minimise the risk of fire propagation.

The canisters are then placed into baling plant which releases the propellants from the cans. The propellants (propane/butane) are compressed and cooled to enable storage in liquid form in a pressurised storage tank. When the storage tank is full, the contents are transferred off site for further treatment. The liquid fractions from the baled cans are transferred into a liquid storage IBC. The IBC containers are mounted within self-bunded concrete-lined bund designed to hold 110% of the volume of the container. The IBC container is removed and replaced when full. The metals are formed into recyclable briquettes. The compressed solid non-metal parts of the cans (plastic caps etc.) are collected at the opposite end of the baler and removed.

The waste gas shall be removed from site. The emergency flare shall combust waste gases during the commissioning period of the aerosol treatment plant. This limit is enforced through Table S1.1 of the permit and an improvement condition in Table S1.3 of the permit.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of permit A: EAWML 40024		
Description	Date	Comments
Permit determined EAWML 40024	19/07/2000	Original permit issued to Process Chemicals Limited (Company Reg. No. 2558527).
Permit EAWML 40024 transferred	23/07/2003	Transfer to J & K Oils Limited (Company Reg. No. 03121391)
Permit EAWML 40024 modified	02/06/2005	-
Permit EAWML 40024 transferred	07/09/2006	Transfer to Red Industries Limited (Company reg. No. 05202754).
Permit EAWML 40024 modified	09/09/2008	Modification to add WEEE conditions.
Application EPR/LP3335MQ/V007 (variation and consolidation)	Duly made 31/12/2014	Application to vary and update the permit to modern conditions.

Status log of permit A: EAWML 40024		
Description	Date	Comments
Permit determined EAWML 40024	19/07/2000	Original permit issued to Process Chemicals Limited (Company Reg. No. 2558527).
Variation determined	14/10/2015	Varied and consolidated permit issued in modern condition format.

Status log of permit B: EPR/LP3335MQ		
Description	Date	Comments
Application received	Duly made 22/08/2005	
Additional information received	04/07/2006	Response received 24/07/2006.
Additional information received	15/08/2006	
Permit determined EPR/NP3437SZ/A001 (PAS No. NP3437SZ)	21/08/2006	
Application to transfer EPR/LP3335MQ/T001	04/09/2006	
Permit(s) NP3437SZ and LP3335MQ transferred/issued	22/12/2006	
Variation EPR/LP3335MQ/V002 (PAS No. YP3636UM)	Issued 20/08/2007	Varied permit issued.
Variation application EPR/LP3335MQ/V003 (PAS No. HG3938GG)	Duly made 24/11/2008	
Additional information received	Requested 09/12/2008	Response dated 18/02/2009.
Variation EPR/LP3335MQ/V003 issued	Issued 24/02/2009	Varied permit issued.
Variation application EPR/LP3335MQ/V004 (PAS No. HP3332KF)	Duly made 15/10/2009	
Additional information received	18/11/2009 23/12/2009 03/02/2010	
Variation notice EPR/LP3335MQ/V004 issued	31/08/2010	Varied permit issued.
Variation EPR/LP3335MQ/V004 Quashed	07/03/2011	
Variation application EPR/LP3335MQ/V005 (PAS No. PP3737FK)	Duly made 25/07/2012	
Additional information received	Requested 22/08/2012	Received 17/09/2012.
Variation determined EPR/LP3335MQ/V005	Issued 26/10/2012	Varied permit issued.
Variation determined EPR/MP3335MQ/V006	Issued 24/01/2014	Agency Initiated Variation to amend permit to reflect implementation of Industrial Emissions Directive.
Variation application EPR/LP3335MQ/V007 (PAS No. FP3434WL)	Duly made 31/12/2014	Application to vary and update the permit to modern conditions.
Additional information received	21/04/2015	Information relating to revised waste and hazard codes.
Response to request for information dated 22/06/2015	07/07/2015	-

Response to request for information dated 30/06/2015	30/06/2015	Regarding WM3 changes.
Variation determined EPR/LP3335MQ/V007	14/10/2015	Varied and consolidated permit issued in modern condition format.
Notified of change of Company Name	03/09/2020	Name changed to Red Industries (Stoke) Limited.
Variation issued EPR/LP3335MQ/V008	16/09/2020	Varied permit issued to Red Industries (Stoke) Limited.
Application EPR/LP3335MQ/V009 (variation and consolidation)	Duly made 04/05/2021	Application to add an aerosol treatment activity to the permit.
Additional information received	20/08/2021	Details on the use of the flare, and Best Available Techniques.
Additional information received	13/04/2022	Specifications on the flare.
Variation determined and consolidation issued EPR/LP3335MQ (Billing ref: PP3306LB)	08/06/2022	Varied and consolidated permit issued in modern format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/LP3335MQ

Issued to

Red Industries (Stoke) Limited ("the operator")

whose registered office is

**Borough House
Berkeley Court
Borough Road
Newcastle Under Lyme
ST5 1TT**

company registration number 05202754

to operate a regulated facility at

**Sneyd Hill Transfer and Treatment Centre
Sneyd Hill
Burslem
Stoke on Trent
Staffordshire
ST6 2DZ**

to the extent set out in the schedules.

The notice shall take effect from 08/06/2022.

Name	Date
Sandra Cavill	08/06/2022

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions have been varied by the consolidated permit EPR/LP3335MQ/V009 as a result of the application made by the operator:

- Condition 1.2.1 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Condition 1.3.1 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Condition 2.1.2 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Condition 2.3.1 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Condition 2.3.4(a) has been updated to include reference to the new waste tables as a result of the changes introduced by this variation.
- Condition 2.3.7 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Condition 4.2.2 has been updated to include the new schedule activity and directly associated activity as a result of the changes introduced by this variation.
- Table S1.1, as referenced in Conditions 1.2.1, 1.3.1, 2.1.1, 2.1.2, 2.3.1, 2.3.7 and 4.2.2 is updated to include the new schedule activities and Directly Associated Activities as a result of the changes introduced by this variation.
- Table S1.2, as referenced in conditions 2.3.1 and 2.3.2 is updated to include the operating techniques employed to support the changes introduced by this variation.
- Table S1.3, as referenced in condition 2.5.1 has been updated to reflect the completion of outstanding improvement conditions and the addition of further improvement conditions as a result of this variation.
- Tables S2.9 and S2.10, as referenced in condition 2.3.4 have been added as a result of the changes introduced by this variation.
- Table S3.1, as referenced in conditions 3.1.1, 3.6.1(a) and 3.6.4 has been updated to reflect the addition of the emission point for the emergency flare, as a result of changes introduced by this variation.
- Table S4.1, as referenced in conditions 4.2.3(a) and 4.2.3(b) has been varied to include the monitoring of emissions from the flare (A4).
- Table S4.2, as referenced in condition 4.2.2(b) has been varied to include the annual production/treatment of non-waste outputs.
- Table S4.3, as referenced in condition 4.2.2(c) has been varied to include the emergency flare operation.
- Table S4.4, as referenced in conditions 4.2.2(c) and 4.2.3(b) has been varied to include the reporting of the operation of the emergency flare.
- Schedule 6, as referenced in condition 4.4.1 has been varied to include reference to the new waste tables as a result of the changes introduced by this variation.

The following conditions have been added by the consolidated permit EPR/LP3335MQ/V009 as a result of the application made by the operator:

- Condition 3.7, which relates to the standard Fire Prevention condition has been added to the permit as a result of the changes introduced by this variation.

The following conditions have been removed by the consolidated permit EPR/CP3507PJ/V002 as a result of the application made by the operator

- Table S1.4, as referenced in condition 2.6.1 has been removed following the completion of the previous pre-operational conditions.

The following conditions have been varied by the consolidated permit EPR/CP3507PJ/V002 as a result of the application made by the Environment Agency.

- Condition 4.3.2 has been amended.
- Schedule 5, as referenced in condition 4.3.2 has been updated.
- Schedule 6, as referenced in condition 4.4.1 has been updated to amend the IED definition

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/LP3335MQ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LP3335MQ/V009 authorising,

Red Industries (Stoke) Limited ("the operator"),

whose registered office is

**Borough House
Berkeley Court
Borough Road
Newcastle Under Lyme
ST5 1TT**

company registration number 05202754

to operate an installation and waste operations at

**Sneyd Hill Transfer and Treatment Centre
Sneyd Hill
Burslem
Stoke on Trent
Staffordshire
ST6 2DZ**

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

Name	Date
Sandra Cavill	08/06/2022

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A16), the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A16), 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 four 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 further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 (A1 to A16), waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A16), 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 Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3A, S2.3B, S2.4, S2.5, S2.6, S2.7, S2.9 and S2.10; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.4 Technical requirements

- 2.4.1 The storage (including temporary storage) of WEEE shall be carried out in accordance with the technical requirements of Annex VIII of the WEEE Directive.

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 Environment Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.6 Pre-operational conditions

- 2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

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 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, 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.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1 and S3.2.

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), where available, unless otherwise agreed in writing by the Environment 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 3 tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
 - (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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 Environment 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) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR16), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment 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 the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment 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 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six 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 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment 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 Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (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.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(ii) physico-chemical treatment. D9 neutralisation of waste.	Neutralisation in reactors to be installed in accordance with Table S1.4. Maximum throughput 10 tonnes/day. Waste types as specified in Schedule 2 table S2.2.
AR2	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(ii) physico-chemical treatment. R3 phase separation of waste.	Phase separation of waste oils in oil treatment plant. Maximum throughput 100 tonnes/day. Waste types as specified in Schedule 2 table S2.5.
AR3	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(ii) physico-chemical treatment. D9 stabilisation/solidification of waste.	Stabilisation in Hazardous Stabilisation/Solidification Vessel in building in lower barn. Maximum throughput 200 tonnes/day. Waste types as specified in Schedule 2 tables S2.3A and S2.3B subject to the limitations in table S2.7.
AR4	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(ii) physico-chemical treatment. D9 Drum crushing and cutting.	Empty containers not suitable for reuse or recycling. Maximum throughput 20 tonnes/day.
AR5	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(ii) physico-chemical treatment. R3/R4 Washing of drums and containers.	Washing of containers arising from storage and treatment operations within area marked "Empty drums for crushing" on site plan ENV AL(0)101 Rev A. Maximum throughput 20 tonnes/day.
AR6	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(iii) blending or mixing prior to submission to any of the other activities listed in Section 5.3 or in Section 5.1. R3 Blending of waste for energy recovery.	Blending of hazardous waste in shredding/stabilisation/solidification plant in lower barn building. Operation subject to pre-operational agreement requirements detailed in Table S1.4 reference 4.
AR7	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day.	(iv) repackaging prior to submission to any of the other activities listed in Section 5.3 or in Section 5.1.	Repackaging and bulking operations undertaken within areas marked on site plan ENV AL(0)101 Rev A. Maximum throughput 140 tonnes/day. Waste types as specified in Schedule 2 table S2.4.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		D14/R3/R4/R5 repackaging and bulking of wastes.	
AR8	S5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	D15/R13 storage pending treatment on site or transfer off site.	<p>Including:</p> <p>Storage of wastes from treatment activities; Storage of hazardous containers pending crushing and cutting operations.</p> <p>Maximum storage capacity as set out in Table 4.1 'Maximum storage quantities' in document ref 414.05223.00001/BATOT.</p> <p>Storage in tanks marked "Storage Tanks" and oil separation for bulked oil wastes.</p> <p>Storage in area marked "Empty drums for crushing" and plant marked "Drum crusher" on site plan ENV AL(0)101 Rev A for containers pending crushing and cutting operations.</p> <p>Waste types as specified in Schedule 2 table S2.4.</p>
AR9	S5.4 A(1)(a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day.	<p>(ii) physico-chemical treatment.</p> <p>D9 Container crushing and cutting.</p>	Crushing or cutting of drums and other containers arising from storage and treatment operations within area marked "Drum Crusher" on site plan ENV AL(0)101 Rev A.
AR10	S5.4 A(1)(a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day.	<p>(ii) physico-chemical treatment.</p> <p>D9 Shredding/destruction of redundant or off-specification products.</p>	<p>Shredding units in lower yard building and upper yard barn marked on site plan ENV AL(0)101 Rev A.</p> <p>Waste types as specified in Schedule 2 table S2.6.</p>
AR11	S5.4 A(1)(a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day.	<p>(ii) physico-chemical treatment.</p> <p>D9 solidification of waste.</p>	<p>Solidification of non-hazardous waste in shredding/stabilisation/solidification plant in lower barn building.</p> <p>Waste types as specified in Schedule 2 table S2.8.</p>
AR12	S5.3 A(1)(a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	<p>(ii) physico-chemical treatment</p> <p>R2: Solvent reclamation/regeneration</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p>	<p>Treatment consisting of crushing of hazardous aerosol canisters.</p> <p>Treatment using purpose-built equipment in a designated area.</p> <p>The maximum treatment capacity for activities AR12 and AR22 shall be 49 tonnes per day.</p> <p>Incompatible materials are not permitted to mix or react.</p> <p>Waste types suitable for acceptance are limited to those specified in Table</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		R5: Recycling/reclamation of other inorganic materials D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12.	Error! Reference source not found. 9.
Directly Associated Activity			
AR13	Washing of drums for recovery	R3/R4 Washing of drums and containers.	Washing of non-hazardous containers arising from storage and treatment operations within area marked "Empty drums for crushing" on site plan ENV AL(0)101 Rev A.
AR14	Crushing & cutting of drums for recovery	R3/R4 Crushing and cutting of drums and other containers.	Crushing or cutting of non-hazardous drums and other containers arising from storage and treatment operations within area marked "Drum Crusher" on site plan ENV AL(0)101 Rev A.
AR15	Storage of non-hazardous waste.	D15/R13 Storage pending treatment on-site and post treatment.	Including: Storage of wastes post treatment; Storage of containers pending crushing and cutting operations in area marked "Empty drums for crushing" and plant marked "Drum crusher" on site plan ENV AL(0)101 Rev A. Non-hazardous waste types and limitations as specified in activities A9, A10, A11, A12, A13 above.
AR16	Emergency flare operation	D10: Incineration on land	From the receipt of waste gas produced at the on-site treatment of aerosol canisters (Activities AR12 and AR22) to incineration with the release of combustion gases. During the commissioning period for the aerosol treatment plant, the flare shall be allowed for the combustion of all waste gas. After the commissioning period for the aerosol treatment plant, the use of the flare shall be for emergency purposes only. This limit is established in Improvement Condition IC20 of Table S1.3.
Activity reference	Description of activities for waste operations		Limits of activities

AR17	<p>R3 Recycling/reclamation of organic substances which are not used as solvents.</p> <p>R4: Recycling/reclamation of metals and metal compounds.</p> <p>R5: Recycling/reclamation of other inorganic materials.</p>	<p>Phase separation of non-hazardous waste.</p> <p>Operations to take place in designated areas with suitable surface and drainage.</p> <p>Waste types as specified in Schedule 2 table S2.8.</p>
AR18	<p>R3: Recycling/reclamation of organic substances which are not used as solvents.</p>	<p>Blending of non-hazardous waste in shredding/stabilisation/solidification plant in lower barn building.</p> <p>Operations to take place in designated areas with suitable surface and drainage.</p> <p>Operation subject to pre-operational agreement requirements detailed in Table S1.4 reference 4.</p>
AR19	<p>D15 Storage pending any of the operations numbered D1 to D14.</p> <p>R13 Storage of waste pending any of the operations numbered R1 to R12.</p>	<p>Storage of non-hazardous wastes.</p> <p>Maximum storage capacity: 796 m3 plus 500 empty drums;</p> <p>Operations to take place in designated areas with suitable surface and drainage.</p> <p>Waste types as specified in Schedule 2 table S2.8.</p>
AR20	<p>D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12.</p> <p>R3 Recycling/reclamation of organic substances which are not used as solvents.</p> <p>R4: Recycling/reclamation of metals and metal compounds.</p> <p>R5: Recycling/reclamation of other inorganic materials.</p>	<p>Blending of non-hazardous wastes.</p> <p>Operations to take place in designated areas with suitable surface and drainage.</p> <p>Waste types as specified in Schedule 2 table S2.8.</p>
AR21	<p>D14 Repackaging prior to submission to any of the operations numbered D1 to D13.</p> <p>R3 Recycling/reclamation of organic substances which are not used as solvents.</p> <p>R4: Recycling/reclamation of metals and metal compounds.</p> <p>R5: Recycling/reclamation of other inorganic materials.</p>	<p>Repackaging of non-hazardous wastes.</p> <p>Operations to take place in designated areas with suitable surface and drainage.</p> <p>Waste types as specified in Schedule 2 table S2.8.</p>

AR22	<p>R2: Solvent reclamation/regeneration</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12.</p>	<p>Treatment consisting of crushing of non-hazardous aerosol canisters.</p> <p>Treatment using purpose-built equipment in a designated area.</p> <p>The maximum treatment capacity for activities AR12 and AR22 shall be 49 tonnes per day.</p> <p>Incompatible materials are not permitted to mix or react.</p> <p>Waste types suitable for acceptance are limited to those specified in Table Error! Reference source not found.10.</p>
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Table S1.2 Operating Techniques		
Description	Parts	Date Received
Application EPR/NP3437SZ/A001	The response to Section 2.1, excluding 2.1.3 and 2.1.5 and 2.2 in the application	22/08/2005
Email request for further information dated 04/07/2006	Whole response.	24/07/2006
Email request for further information dated 24/07/2006	Whole response.	24/07/2006
Email further information relating to EWC codes and quantities	Whole response.	15/08/2006
Pre-acceptance of waste	Procedure ENV001 Issue 4 and form ENV001/1 dated 07 Aug 08.	01/09/2008
Acceptance of waste	Procedure ENV002 Issue 5 dated 15 Aug 08.	01/09/2008
Form 1: Treatment, General Principles	Response to questionnaire.	21/08/2008
Form 2: Solidification and Stabilisation	Response to questionnaire.	21/08/2008
Application EPR/LP3335MQ/V002	Variation application and supporting documents.	24/11/2008
Email Request for further information dated 09/12/08	Whole response.	18/02/2009
Application EPR/LP3335MQ/V003	Letter dated 02/10/09, providing details of the proposed changes.	15/10/2009
Application EPR/LP3335MQ/V003	Drawing S1602/02 E, providing details of improvements to site drainage and layout levels.	15/10/2009
Application EPR/LP3335MQ/V003	Drawing S1602/02 E, providing details of improvements to concrete hard-standing.	15/10/2009
Application EPR/LP3335MQ/V003	Site layout plan referenced WIS/MSE/3035-1.	15/10/2009
Application EPR/LP3335MQ/V005	Variation application and supporting documents.	03/11/2011
Application EPR/LP3335MQ/V007	Variation application and supporting documents. Excluding: Site location plan.	31/12/2014

Table S1.2 Operating Techniques		
Description	Parts	Date Received
Response to Schedule 5 Notice dated 22/06/2015	Updated Site Location Plan ref: ENV AL(0)101 Rev A.	07/07/2015
Response to request for information dated 30/06/2015	Confirmation site procedures comply with WM3.	30/06/2015
Application EPR/LP3335MQ/V009	Variation application Forms C2 and C3 and referenced supporting documents.	22/12/2020
Response to request for information dated 26/07/2021	Response to Schedule 5 (reference: Schedule 1 to the email to the Environment Agency dated 20 August 2021)	20/08/2021

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 to IC17	-	COMPLETED
IC18	<p>The Operator shall undertake initial air emission monitoring (method to be agreed in writing with the Environment Agency) of oxides of nitrogen and carbon monoxide and VOCs from emission point A4, as defined in table S3.1.</p> <p>The Operator shall submit the following to the Environment Agency:</p> <ul style="list-style-type: none"> • The monitoring undertaken and results obtained. • A H1 assessment using actual emissions data 	4 months from commencing activity AR12 or AR22 (Table S1.1), or otherwise agreed by the Environment Agency.
IC19	<p>The Operator shall undertake initial air emission monitoring (method to be agreed in writing with the Environment Agency) of oxides of nitrogen and carbon monoxide and VOCs from emission point A4, as defined in table S3.1.</p> <p>The Operator shall submit a written report to the Environment Agency for technical assessment and approval detailing the following information:</p> <ul style="list-style-type: none"> • The monitoring undertaken and results obtained. • A H1 assessment or Air Quality Report, using actual emissions data, to demonstrate that the emissions can be deemed not significant. • Any improvements that are required to ensure the emissions can be deemed not significant. Where improvements are identified, the Operator shall submit proposals for their implementation including timescales to be agreed in writing by the Environment Agency. 	8 months from commencing activity AR12 or AR22 (Table S1.1), or otherwise agreed by the Environment Agency.
IC20	The flare (activity AR16 of Table S1.1) shall be used for emergency purposes only. The Operator shall notify the Environment Agency in advance the date when the flare shall be for emergency use only, and the alternative use or disposal path for the waste gas.	12 months from commencing activity AR12 or AR22 (Table S1.1), or otherwise agreed by the Environment Agency.

Table S1.4 Pre-operational measures		
Reference	Operation	Pre-operational measures
1	Acid neutralisation plant	At least 2 weeks prior to installation the operator shall provide a report detailing the location of the neutralisation reactor, any associated bunding or containment, along with details of emission points. The report should include information detailing the design and specification of the reactor, its suitability for the process and how the emissions from the reactor, specifically any gaseous emissions, will be abated. The installation should be in line with the guidance in section 2.1.4 of Sector Guidance Note S5.06, December 2004.
2	Acid neutralisation plant	At least 2 weeks before operation the operator shall submit a report demonstrating that the necessary procedures are in place for the operation of the neutralisation plant and that staff have received the necessary training.
3	Acid neutralisation plant	The operator shall submit a report demonstrating that all bulk liquid storage tanks, reactors, pipelines and secondary containment used for acid/base neutralisation have been leak-tested at least 2 weeks before the start of operations.
4	Blending of organic wastes in stabilisation plant	The operator shall submit a written procedure to the Agency for approval before use of the plant for the blending of organic wastes. The procedure will include the objectives of the process, proposed waste types and success criteria for the process.
5	Use of the additional area of the site	At least one month before the commencement of any waste activities in the additional site area (as detailed in the variation application duly made 31/12/2015), the operator shall submit a report: <ul style="list-style-type: none"> • demonstrating that suitable impermeable surfacing and sealed drainage is in place; • detailing the types and maximum quantity of waste to be stored; • demonstrating that the site EMS procedures have been updated to take account of the use of the area; to the Environment Agency for approval. Use of the area shall not commence until approval is granted.
6	Tank Farm	Other than the existing storm water storage, at least one month before use of the tank farm, the operator shall submit a written report for approval demonstrating that the tanks comply with the requirements of Sector Guidance Note S5.06 for any storage of waste. Use of the tanks shall not commence until approval is granted.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Table S2.2 Permitted waste types for neutralisation	
Waste code	Description
06	Wastes from inorganic chemical processes
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	Sulphuric and sulphurous acid
06 01 02*	Hydrochloric acid
06 01 03*	Hydrofluoric acid
06 01 04*	Phosphoric and phosphorous acid
06 01 05*	Nitric and nitrous acid
06 02	wastes from the MFSU of bases
06 02 01*	Calcium hydroxide
06 02 03*	Ammonium hydroxide
06 02 04*	Sodium and potassium hydroxide
06 02 05*	Other bases
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 03	wastes from MFSU of printing inks
08 03 16*	Waste etching solutions
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 01*	Water-based developer and activator solutions
09 01 02*	Water-based offset plate developer solutions
09 01 04*	Fixer solutions
09 01 05*	Bleach solutions and bleach fixer solutions
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 09*	Sulphuric acid
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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
11 01 06*	Acids not otherwise specified
11 01 07*	Pickling bases

Table S2.2 Permitted waste types for neutralisation	
Waste code	Description
16	Wastes not otherwise specified in the list
16 05	gases in pressure containers and discarded chemicals
16 05 06*	Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 06	batteries and accumulators
16 06 06*	Separately collected electrolyte from batteries and accumulators
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 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
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 14*	Acids
20 01 15*	Alkalines

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 04*	Acid generated tailings from processing of sulphide ore
01 03 05*	Other tailings containing hazardous substances
01 03 07*	Wastes from physical and chemical processing of metalliferous minerals containing hazardous substances
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	Wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
01 05	drilling muds and other drilling wastes
01 05 05*	Oil-containing drilling muds and wastes
01 05 06*	Drilling muds and other drilling wastes containing hazardous substances
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 08*	Agrochemical waste containing hazardous substances
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
03 02	wastes from wood preservation
03 02 05*	Other wood preservatives containing hazardous substances
04	Wastes from the leather, fur and textile industries
04 02	wastes from the textile industry
04 02 14*	Waste from finishing containing organic solvents
04 02 16*	Dyestuffs and pigments containing hazardous substances
04 02 19*	Sludges from on-site effluent treatment containing hazardous substances
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 02*	Desalter sludges
05 01 03*	Tank bottom sludges
05 01 04*	Acid alkyl sludges
05 01 06*	Oily sludges from maintenance operations of the plant or equipment
05 01 08*	Other tars
05 01 09*	Sludges from on-site effluent treatment containing hazardous substances
05 01 11*	Wastes from cleaning of fuels with bases
05 01 12*	Oil containing acids
05 01 15*	Spent filter clays

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
05 06	wastes from the pyrolytic treatment of coal
05 06 03*	Other tars
06	Wastes from inorganic chemical processes
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	Sulphuric and sulphurous acid
06 01 02*	Hydrochloric acid
06 01 03*	Hydrofluoric acid
06 01 04*	Phosphoric and phosphorous acid
06 01 06*	Other acids
06 02	wastes from the MFSU of bases
06 02 01*	Calcium hydroxide
06 02 04*	Sodium and potassium hydroxide
06 02 05*	Other bases
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 13*	Solids salts and solutions containing heavy metals
06 03 15*	Metallic oxides containing heavy metals
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 03*	Waste containing arsenic
06 04 05*	Waste containing other heavy metals
06 05	sludges from on-site effluent treatment
06 05 02*	Sludges from on-site effluent treatment containing hazardous substances
06 07	wastes from the MFSU of halogens and halogen chemical processes
06 07 04*	Solutions and acids e.g. contact acid
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
06 09 03*	Calcium based reaction wastes containing or contaminated with hazardous substances
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture
06 10 02*	Waste containing hazardous substances
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 01*	Inorganic plant protection products, wood preserving agents and other biocides
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
07 01 10*	Other filter cakes and spent absorbents
07 01 11*	Sludges from on site effluent treatment containing hazardous substances

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	Aqueous washing liquids and mother liquors
07 02 08*	Other still bottoms and reaction residues
07 02 10*	Other filter cakes and spent absorbents
07 02 11*	Sludges from on site effluent treatment containing hazardous substances
07 02 14*	Waste additives containing hazardous substances
07 02 16*	Wastes containing hazardous silicones
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	Aqueous washing liquids and mother liquors
07 03 08*	Other still bottoms and reaction residues
07 03 10*	Other filter cakes and spent absorbents
07 03 11*	Sludges from on site effluent treatment containing hazardous substances
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
07 04 08*	Other still bottoms and reaction residues
07 04 10*	Other filter cakes and spent absorbents
07 04 11*	Sludges from on site effluent treatment containing hazardous substances
07 04 13*	Solid wastes containing hazardous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	Aqueous washing liquids and mother liquors
07 05 08*	Other still bottoms and reaction residues
07 05 10*	Other filter cakes and spent absorbents
07 05 11*	Sludges from on site effluent treatment containing hazardous substances
07 05 13*	Solid wastes containing hazardous substances
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	Aqueous washing liquids and mother liquors
07 06 08*	Other still bottoms and reaction residues
07 06 10*	Other filter cakes and spent absorbents
07 06 11*	Sludges from on site effluent treatment containing hazardous substances
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	Aqueous washing liquids and mother liquors
07 07 08*	Other still bottoms and reaction residues
07 07 10*	Other filter cakes and spent absorbents
07 07 11*	Sludges from on site effluent treatment containing hazardous substances

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
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 hazardous substances
08 01 13*	Sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 15*	Aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 19*	Aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 01 21*	Waste paint or varnish remover
08 03	wastes from MFSU of printing inks
08 03 14*	Ink sludges containing hazardous substances
08 03 16*	Waste etching solutions
08 03 17*	Waste printing toner containing hazardous substances
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	Waste adhesives and sealants containing organic solvents or other hazardous substances
08 04 11*	Adhesive and sealant sludges containing organic solvents or other hazardous substances
08 04 13*	Aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 15*	Aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
08 05	wastes not otherwise specified in 08
08 05 01*	Waste isocyanates
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 01*	Water based developer and activator solutions
09 01 02*	Water based offset plate developer solutions
09 01 06*	Waste containing silver from on site treatment of photographic wastes
09 01 13*	Aqueous liquid from on site reclamation of silver other than those mentioned in 09 01 06
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
10 01 09*	Sulphuric acid
10 01 13*	Fly ash from emulsified hydrocarbons used as fuel
10 01 14*	Bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 16*	Fly ash from co-incineration containing hazardous substances
10 01 18*	Wastes from gas cleaning containing hazardous substances

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
10 01 20*	Sludges from on site effluent treatment containing hazardous substances
10 01 22*	Aqueous sludges from boiler cleansing containing hazardous substances
10 02	wastes from the iron and steel industry
10 02 07*	Solid waste from gas treatment containing hazardous substances
10 02 11*	Waste from cooling water treatment containing oil
10 02 13*	Sludges and filter cakes from gas treatment containing hazardous substances
10 03	wastes from aluminium thermal metallurgy
10 03 04*	Primary production slags
10 03 08*	Salt slags from secondary production
10 03 09*	Black drosses from secondary production
10 03 17*	Tar containing wastes from anode manufacture
10 03 19*	Flue gas dust containing hazardous substances
10 03 21*	Other particulates and dust (including ball mill dust) containing hazardous substances
10 03 23*	Solid wastes from gas treatment containing hazardous substances
10 03 25*	Sludges and filter cakes from gas treatment containing hazardous substances
10 03 27*	Wastes from cooling water treatment containing oil
10 03 29*	Wastes from treatment of salt slags and black drosses containing hazardous substances
10 04	wastes from lead thermal metallurgy
10 04 01*	Slags from primary and secondary production
10 04 02*	Dross and skimmings from primary and secondary production
10 04 03*	Calcium arsenate
10 04 04*	Flue gas dust
10 04 05*	Other particulates and dust
10 04 06*	Solid wastes from gas treatment
10 04 07*	Sludges and filter cakes from gas treatment
10 04 09*	Wastes from cooling water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 03*	Flue gas dust
10 05 05*	Solid waste from gas treatment
10 05 06*	Sludges and filter cakes from gas treatment
10 05 08*	Wastes from cooling water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 03*	Flue gas dust
10 06 06*	Solid waste from gas treatment
10 06 07*	Sludges and filter cakes from gas treatment
10 06 09*	Wastes from cooling water treatment containing oil

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	Wastes from cooling water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 08*	Salt slag from primary and secondary production
10 08 12*	Tar containing wastes from anode manufacture
10 08 15*	Flue gas dust containing hazardous substances
10 08 17*	Sludges and filter cakes from flue gas treatment containing hazardous substances
10 08 19*	Wastes from cooling water treatment containing oil
10 09	wastes from casting of ferrous pieces
10 09 05*	Casting cores and moulds which have not undergone pouring containing hazardous substances
10 09 07*	Casting cores and moulds which have undergone pouring containing hazardous substances
10 09 09*	Flue gas dust containing hazardous substances
10 09 11*	Other particulates containing hazardous substances
10 09 13*	Waste binders containing hazardous substances
10 09 15*	Waste crack indicating agent containing hazardous substances
10 10	wastes from casting of non-ferrous pieces
10 10 05*	Casting cores and moulds which have not undergone pouring containing hazardous substances
10 10 07*	Casting cores and moulds which have undergone pouring containing hazardous substances
10 10 09*	Flue gas dust containing hazardous substances
10 10 11*	Other particulates containing hazardous substances
10 10 13*	Waste binders containing hazardous substances
10 10 15*	Waste crack indicating agent containing hazardous substances
10 11	wastes from manufacture of glass and glass products
10 11 09*	Waste preparation mixture before thermal processing, containing hazardous substances
10 11 11*	Waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 13*	Glass polishing and grinding sludge containing hazardous substances
10 11 15*	Solid wastes from flue gas treatment containing hazardous substances
10 11 17*	Sludges and filter cakes from flue gas treatment containing hazardous substances
10 11 19*	Solid wastes from on site effluent treatment containing hazardous substances
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 09*	Solid wastes from gas treatment containing hazardous substances
10 12 11*	Wastes from glazing containing heavy metals

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 12*	Solid wastes from gas treatment containing hazardous substances
10 14	waste from crematoria
10 14 01*	Waste from gas cleaning containing mercury
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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
11 01 06*	Acids not otherwise specified
11 01 07*	Pickling bases
11 01 08*	Phosphatising sludges
11 01 09*	Sludges and filter cakes containing hazardous substances
11 01 11*	Aqueous rinsing liquids containing hazardous substances
11 01 13*	Degreasing wastes containing hazardous substances
11 01 15*	Eluate and sludges from membrane systems or ion exchange systems containing hazardous substances
11 01 16*	Saturated or spent ion exchange resin
11 01 98*	Other wastes containing hazardous substances
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 02*	Sludges from Zinc hydrometallurgy (including jarosite, goethite)
11 02 05*	Wastes from copper hydrometallurgical processes containing hazardous substances
11 02 07*	Other wastes containing hazardous substances
11 03	sludges and solids from tempering processes
11 03 02*	Other wastes
11 05	wastes from hot galvanising processes
11 05 03*	Solid wastes from gas treatment
11 05 04*	Spent flux
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 09*	Machining emulsions and solutions free of halogens
12 01 14*	Machining sludges containing hazardous substances
12 01 16*	Waste blasting material containing hazardous substances
12 01 18*	Metal sludge (grinding, honing, and lapping sludge) containing oil

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
12 01 20*	Spent grinding bodies and grinding materials containing hazardous substances
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	Aqueous washing liquids
12 03 02*	Steam degreasing wastes
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 05*	Non chlorinated emulsions
13 05	oil/water separator contents
13 05 01*	Solids from grit chambers and oil/water separators
13 05 02*	Sludges from oil water separators
13 05 03*	Interceptor sludges
13 05 07*	Oily water from oil/water separators
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
13 08	oil wastes not otherwise specified
13 08 01*	Desalter sludges or emulsions
13 08 02*	Other emulsions
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 with hazardous substances
15 01 11*	Metallic packaging containing a hazardous solid porous matrix (for example asbestos) including empty pressure containers
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 hazardous substances
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 13*	Brake fluids
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
16 03	off-specification batches and unused products
16 03 03*	Inorganic wastes containing hazardous substances
16 05	gases in pressure containers and discarded chemicals
16 05 07*	Discarded inorganic chemicals consisting of or containing hazardous substances
16 06	batteries and accumulators

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
16 06 06*	Separately collected electrolyte from batteries and accumulators
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	Wastes containing oil
16 07 09*	Wastes containing other hazardous substances
16 08	spent catalysts
16 08 02*	Spent catalysts containing hazardous transition metals or hazardous transition metal compounds
16 08 05*	Spent catalysts containing phosphoric acid
16 08 06*	Spent liquids used as catalysts
16 08 07*	Spent catalysts contaminated with hazardous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	Aqueous liquid wastes containing hazardous substances
16 10 03*	Aqueous concentrates containing hazardous substances
16 11	waste linings and refractories
16 11 03*	Other linings and refractories from metallurgical processes containing hazardous substances
16 11 05*	Linings and refractories from non-metallurgical processes containing hazardous substances
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 hazardous substances
17 02	wood, glass and plastic
17 02 04*	Glass, plastic and wood containing or contaminated with hazardous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	Bituminous mixtures containing coal tar
17 03 03*	Coal tar and tarred products
17 04	metals (including their alloys)
17 04 09*	Metal waste contaminated with hazardous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	Soil and stones containing hazardous substances
17 05 05*	Dredging spoil containing hazardous substances
17 05 07*	Track ballast containing hazardous substances
17 08	gypsum-based construction material
17 08 01*	Gypsum based construction materials contaminated with hazardous substances
17 09	other construction and demolition wastes

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
17 09 03*	Other construction and demolition wastes (including mixed wastes) containing hazardous substances
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 hazardous substances
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 05*	Chemicals consisting of or containing hazardous substances
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
19 01 06*	Aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 07*	Solid waste from gas treatment
19 01 11*	Bottom ash and slag containing hazardous substances
19 01 13*	Fly ash containing hazardous substances
19 01 15*	Boiler dust containing hazardous substances
19 01 17*	Pyrolysis waste containing hazardous substances
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	Premixed wastes composed of at least one hazardous waste
19 02 05*	Sludges from physico/chemical treatment containing hazardous substances
19 02 07*	Oil and concentrates from separation
19 02 08*	Liquid combustible wastes containing hazardous substances
19 02 09*	Solid combustible wastes containing hazardous substances
19 02 11*	Other wastes containing hazardous substances
19 03	stabilised/solidified wastes
19 03 04*	Wastes marked as hazardous, partly stabilized other than 19 03 08*
19 03 06*	Wastes marked as hazardous, solidified
19 04	vitrified waste and wastes from vitrification
19 04 02*	Fly ash and other flue gas treatment wastes
19 04 03*	Non vitrified solid phase
19 07	landfill leachate
19 07 02*	Landfill leachate containing hazardous substances
19 08	wastes from waste water treatment plants not otherwise specified
19 08 06*	Saturated or spent ion exchange resins

Table S2.3A Permitted waste types for stabilisation/solidification	
Limits	Only wastes listed below with the following hazardous properties can be accepted: HP3 (first indent), HP4 to HP8 inclusive and HP10 to HP15 inclusive (subject to the limits given in Table S2.7)
Waste code	Description
19 08 07*	Solutions and sludges from regeneration of ion exchangers
19 08 08*	Membrane system waste containing heavy metals
19 08 11*	Sludges containing hazardous substances from biological treatment of industrial waste water
19 08 13*	Sludges containing hazardous substances from other treatment of industrial waste water
19 10	wastes from shredding of metal-containing wastes
19 10 03*	Fluff-light fraction and dust containing hazardous substances
19 10 05*	Other fractions containing hazardous substances
19 11	wastes from oil regeneration
19 11 01*	Spent filter clays
19 11 03*	Aqueous liquid wastes
19 11 04*	Waste from cleaning of fuel with bases
19 11 05*	Sludges from on site effluent treatment containing hazardous substances
19 11 07*	Waste from flue gas cleaning
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 06*	Wood containing hazardous substances
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	wastes from soil and groundwater remediation
19 13 01*	Solid waste from soil remediation containing hazardous substances
19 13 03*	Sludges from soil remediation containing hazardous substances
19 13 05*	Sludges from groundwater remediation containing hazardous substances
19 13 07*	Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances
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 14*	Acids
20 01 15*	Alkalines
20 01 19*	Pesticides
20 01 27*	Paints, inks, adhesives and resins containing hazardous substances
20 01 37*	Wood containing hazardous substances

Table S2.3B Permitted non-hazardous waste types for stabilisation/solidification process aids	
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 01	wastes from mineral excavation
01 01 01	Waste from mineral metalliferous extraction
01 01 02	Waste from mineral non metalliferous extraction
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 08	Dusty and powdery waste other than those mentioned in 01 03 07
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 10	Dusty and powdery waste other than those mentioned in 01 04 07
01 04 11	Wastes from potash and rock salt processing other than those mentioned in 01 04 07
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
01 04 13	Waste from stone cutting and sawing other than those mentioned in 01 04 07
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 04	wastes from sugar processing
02 04 02	Off specification calcium carbonate
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
03 03	wastes from pulp, paper and cardboard production and processing
03 03 09	Lime mud waste
04	Wastes from the leather, fur and textile industries
04 01	wastes from the leather and fur industry
04 01 02	Liming Waste
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 13	Boiler feedwater sludges
05 01 14	Waste from cooling columns
05 06	wastes from the pyrolytic treatment of coal
05 06 04	Waste from cooling columns
06	Wastes from inorganic chemical processes
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 14	Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes
06 09 04	Calcium based reaction wastes other than those mentioned in 06 09 03
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	Calcium based reaction wastes from titanium dioxide production

Table S2.3B Permitted non-hazardous waste types for stabilisation/solidification process aids	
Waste code	Description
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 16	Aqueous sludges containing paint and varnish other than those mentioned in 08 01 15
08 01 20	Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	Waste coating powders
08 02 02	Aqueous sludges containing ceramic materials
08 02 03	Aqueous suspensions containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	Aqueous sludges containing inks
08 03 08	Aqueous liquid waste containing ink
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	Adhesives and sealant sludges other than those mentioned in 08 04 11
08 04 14	Aqueous sludges containing adhesives and sealants other than those mentioned in 08 04 13
08 04 16	Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	Coal fly ash
10 01 03	Fly ash from peat and untreated wood
10 01 05	Calcium based reaction wastes from flue gas desulphurization in solid form
10 01 07	Calcium based reaction wastes from flue gas desulphurization in sludge form
10 01 15	Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07, and 10 01 18
10 01 21	Sludges from on site effluent treatment other than those mentioned in 10 01 20
10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	Waste from cooling water treatment
10 02 12	Waste from cooling water treatment other than those mentioned in 10 02 11
10 02 15	Other sludges and filter cakes
10 03 20	Flue gas dust other than those mentioned in 10 03 19
10 03 22	Other particulates and dust (including ball mill dust) other than those mentioned in 10 03 21

Table S2.3B Permitted non-hazardous waste types for stabilisation/solidification process aids	
Waste code	Description
10 03 24	Solid waste from gas treatment other than those mentioned in 10 03 23
10 03 26	Sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	Waste from cooling water treatment other than those mentioned in 10 03 27
10 03 30	Waste from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 09	wastes from casting of ferrous pieces
10 09 10	Flue gas dust other than those mentioned in 10 09 09
10 09 14	Waste binders other than those mentioned in 10 09 13
10 10	wastes from casting of non-ferrous pieces
10 10 10	Flue gas dust other than those mentioned in 10 10 09
10 10 14	Waste binders other than those mentioned in 10 10 13
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	Waste preparation mixture before thermal processing
10 12 03	Particulates and dust
10 12 12	Waste from glazing other than those mentioned in 10 12 11
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	Waste preparation mixture before thermal processing
10 13 04	Waste from calcination and hydration of lime
10 13 06	Particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	Sludges and filter cakes from gas treatment
10 13 10	Waste from asbestos cement manufacture other than those mentioned in 10 13 09
10 13 11	Waste from cement based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	Solid waste from gas treatment other than those mentioned in 10 13 12
10 13 14	Waste concrete and concrete sludge
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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 12	Aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	Degreasing waste other than those mentioned in 11 01 13
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 12	Brake pads other than those mentioned in 16 01 11
16 03	off-specification batches and unused products
16 03 04	Inorganic wastes other than those mentioned in 16 03 03
16 10	aqueous liquid wastes destined for off-site treatment

Table S2.3B Permitted non-hazardous waste types for stabilisation/solidification process aids	
Waste code	Description
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	Aqueous concentrates other than those mentioned in 16 10 03
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 12	Bottom ash and slag other than those mentioned in 19 01 11
19 01 14	Fly ash other than those mentioned in 19 01 13
19 01 16	Boiler dust other than those mentioned in 19 01 15
19 01 18	Pyrolysis waste other than those mentioned in 19 01 17
19 03	stabilised/solidified wastes
19 03 05	Stabilised waste other than those mentioned in 19 03 04
19 03 07	Solidified waste other than those mentioned in 19 03 06
19 04	vitrified waste and wastes from vitrification
19 04 04	Aqueous waste from vitrified tempering
19 07	landfill leachate
19 07 03	Landfill leachate other than those mentioned in 19 07 02
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
19 09 02	Sludges from water clarification
19 09 06	Solutions and sludges from regeneration of ion exchangers
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 08	Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 04*	Acid generating tailings from processing of sulphide ore
01 03 05*	Other tailings containing hazardous substances
01 03 07*	Other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	Wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
01 05	drilling muds and other drilling wastes
01 05 05*	Oil-containing drilling muds and wastes
01 05 06*	Drilling muds and other drilling wastes containing hazardous substances
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 08*	Agrochemical waste containing hazardous substances
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 04*	Sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances
03 02	wastes from wood preservation
03 02 01*	Non-halogenated organic wood preservatives
03 02 02*	Non-halogenated organic wood preservatives
03 02 03*	Organometallic wood preservatives
03 02 04*	Inorganic wood preservatives
03 02 05*	Other wood preservatives containing hazardous substances
04	Wastes from the leather, fur and textile industries
04 01	wastes from the leather and fur industry
04 01 03*	Degreasing wastes containing solvents without a liquid phase
04 02	wastes from the textile industry
04 02 14*	Wastes from finishing containing organic solvents
04 02 16*	Dyestuffs and pigments containing hazardous substances
04 02 19*	Sludges from on-site effluent treatment containing hazardous substances
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 02*	Desalter sludges

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
05 01 03*	Tank bottom sludges
05 01 04*	Acid alkyl sludges
05 01 05*	Oil spills
05 01 06*	Oily sludges from maintenance operations of the plant or equipment
05 01 07*	Acid tars
05 01 08*	Other tars
05 01 09*	Sludges from on-site effluent treatment containing hazardous substances
05 01 11*	Wastes from cleaning of fuels with bases
05 01 12*	Oil containing acids
05 01 15*	Spent filter clays
05 06	wastes from the pyrolytic treatment of coal
05 06 01*	Acid tars
05 06 03*	Other tars
05 07	wastes from natural gas purification and transportation
05 07 01*	Wastes containing mercury
06	Wastes from inorganic chemical processes
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	Sulphuric and sulphurous acid
06 01 02*	Hydrochloric acid
06 01 03*	Hydrofluoric acid
06 01 04*	Phosphoric and phosphorous acid
06 01 05*	Nitric and nitrous acid
06 01 06*	Other acids
06 02	wastes from the MFSU of bases
06 02 01*	Calcium hydroxide
06 02 03*	Ammonium hydroxide
06 02 04*	Sodium and potassium hydroxide
06 02 05*	Other bases
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 11*	Solid salts and solutions containing cyanides
06 03 13*	Solid salts and solutions containing heavy metals
06 03 15*	Metallic oxides containing heavy metals
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 03*	Wastes containing arsenic
06 04 04*	Wastes containing mercury
06 04 05*	Wastes containing other heavy metals
06 05	sludges from on-site effluent treatment

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
06 05 02*	Sludges from on-site effluent treatment containing hazardous substances
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 02*	Wastes containing hazardous sulphides
06 07	wastes from the MFSU of halogens and halogen chemical processes
06 07 02*	Activated carbon from chlorine production
06 07 03*	Barium sulphate sludge containing mercury
06 07 04*	Solutions and acids, for example contact acid
06 08	wastes from the MFSU of silicon and silicon derivatives
06 08 02*	Wastes containing hazardous chlorosilanes
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
06 09 03*	Calcium-based reaction wastes containing or contaminated with hazardous substances
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture
06 10 02*	Wastes containing hazardous substances
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 01*	Inorganic plant protection products, wood-preserving agents and other biocides
06 13 02*	Spent activated carbon
06 13 04*	Wastes from asbestos processing
06 13 05*	Soot
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
07 01 03*	Organic halogenated solvents, washing liquids and mother liquors
07 01 04*	Other Organic solvents, washing liquids and mother liquors
07 01 07*	Halogenated still bottoms and reaction residues
07 01 08*	Other still bottoms and reaction residues
07 01 09*	Halogenated filter cakes and spent absorbents
07 01 10*	Other filter cakes and spent absorbents
07 01 11*	Sludges from on-site effluent treatment containing hazardous substances
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	Aqueous washing liquids and mother liquors
07 02 03*	Organic halogenated solvents, washing liquids and mother liquors
07 02 04*	Other organic solvents, washing liquids and mother liquors
07 02 07*	Halogenated still bottoms and reaction residues
07 02 08*	Other still bottoms and reaction residues

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
07 02 09*	Halogenated filter cakes and spent absorbents
07 02 10*	Other filter cakes and spent absorbents
07 02 11*	Sludges from on-site effluent treatment containing hazardous substances
07 02 14*	Wastes from additives containing hazardous substances
07 02 16*	Wastes containing hazardous silicones
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	Aqueous washing liquids and mother liquors
07 03 03*	Organic halogenated solvents, washing liquids and mother liquors
07 03 04*	Other organic solvents, washing liquids and mother liquors
07 03 07*	Halogenated still bottoms and reaction residues
07 03 08*	Other still bottoms and reaction residues
07 03 09*	Halogenated filter cakes and spent absorbents
07 03 10*	Other filter cakes and spent absorbents
07 03 11*	Sludges from on-site effluent treatment containing hazardous substances
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
07 04 03*	Organic halogenated solvents, washing liquids and mother liquors
07 04 04*	Other organic solvents, washing liquids and mother liquors
07 04 07*	Halogenated still bottoms and reaction residues
07 04 08*	Other still bottoms and reaction residues
07 04 09*	Halogenated filter cakes and spent absorbents
07 04 10*	Other filter cakes and spent absorbents
07 04 11*	Sludges from on-site effluent treatment containing hazardous substances
07 04 13*	Solids wastes containing hazardous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	Aqueous liquids and mother liquors
07 05 03*	Organic halogenated solvents, washing liquids and mother liquors
07 05 04*	Other organic solvents, washing liquids and mother liquors
07 05 07*	Halogenated still bottoms and reaction residues
07 05 08*	Other still bottoms and reaction residues
07 05 09*	Halogenated filter cakes and spent absorbents
07 05 10*	Other filter cakes and spent absorbents
07 05 11*	Sludges from on-site effluent treatment containing hazardous substances
07 05 13*	Solid wastes containing hazardous substances
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	Aqueous liquids and mother liquors

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
07 06 03*	Organic halogenated solvents, washing liquids and mother liquors
07 06 04*	Other organic solvents, washing liquids and mother liquors
07 06 07*	Halogenated still bottoms and reaction residues
07 06 08*	Other still bottoms and reaction residues
07 06 09*	Halogenated filter cakes and spent absorbents
07 06 10*	Other filter cakes and spent absorbents
07 06 11*	Sludges from on-site effluent treatment containing hazardous substances
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	Aqueous liquids and mother liquors
07 07 03*	Organic halogenated solvents, washing liquids and mother liquors
07 07 04*	Other organic solvents, washing liquids and mother liquors
07 07 07*	Halogenated still bottoms and reaction residues
07 07 08*	Other still bottoms and reaction residues
07 07 09*	Halogenated filter cakes and spent absorbents
07 07 10*	Other filter cakes and spent absorbents
07 07 11*	Sludges from on-site effluent treatment containing hazardous substances
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 or varnish containing organic solvents or other hazardous substances
08 01 13*	Sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 15*	Aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 17*	Wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 01 19*	Aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 01 21*	Waste paint or varnish remover
08 03	wastes from MFSU of printing inks
08 03 12*	Waste ink containing hazardous substances
08 03 14*	Ink sludges containing hazardous substances
08 03 16*	Waste etching solutions
08 03 17*	Waste printing toner containing hazardous substances
08 03 19*	Disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	Waste adhesives and sealants containing organic solvents or other hazardous substances

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
08 04 11*	Adhesive and sealant sludges containing organic solvents or other hazardous substances
08 04 13*	Aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 15*	Aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 17*	Rosin oil
08 05	wastes not otherwise specified in 08
08 05 01*	Waste isocyanates
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 01*	Water-based developer and activator solutions
09 01 02*	Water-based offset plate developer solutions
09 01 03*	Solvent-based developer solutions
09 01 04*	Fixer solutions
09 01 05*	Bleach solutions and bleach fixer solutions
09 01 06*	Wastes containing silver from on-site treatment of photographic wastes
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 13*	Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
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
10 01 09*	Sulphuric acid
10 01 13*	Fly ash from emulsified hydrocarbons used as fuel
10 01 14*	Bottom ash, slag and boiler dust from con-incineration containing hazardous substances
10 01 16*	Fly-ash from co-incineration containing hazardous substances
10 01 18*	Wastes from gas cleaning containing hazardous substances
10 01 20*	Sludges from on-site effluent treatment containing hazardous substances
10 01 22*	Aqueous sludges from boiler cleansing containing hazardous substances
10 02	wastes from the iron and steel industry
10 02 07*	Solid wastes from gas treatment containing hazardous substances
10 02 11*	Wastes from cooling-water treatment containing oil
10 02 13*	Sludges and filter cakes from gas treatment containing hazardous substances
10 03	wastes from aluminium thermal metallurgy
10 03 04*	Primary production slags
10 03 08*	Salt slags from secondary production
10 03 09*	Black drosses from secondary production

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
10 03 15*	Skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 03 17*	Tar-containing wastes from anode manufacture
10 03 19*	Flue-gas dust containing hazardous substances
10 03 21*	Other particulates and dust (including ball-mill dust) containing hazardous substances
10 03 23*	Solid wastes from gas treatment containing hazardous substances
10 03 25*	Sludges and filter cakes from gas treatment containing hazardous substances.
10 03 27*	Wastes from cooling-water treatment containing oil
10 03 29*	Waste from the treatment of salt slags and black drosses containing hazardous substances
10 04	wastes from lead thermal metallurgy
10 04 01*	Slags from primary and secondary production
10 04 02*	Dross and skimmings from primary and secondary production
10 04 03*	Calcium arsenate
10 04 04*	Flue-gas dust
10 04 05*	Other particulates and dust
10 04 06*	Solid wastes from gas treatment
10 04 07*	Sludges and filter cakes from gas treatment
10 04 09*	Wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 03*	Flue-gas dust
10 05 05*	Solid wastes from gas treatment
10 05 06*	Sludges and filter cakes from gas treatment
10 05 08*	Wastes from cooling-water treatment containing oil
10 05 10*	Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 06	wastes from copper thermal metallurgy
10 06 03*	Flue-gas dust
10 06 06*	Solid wastes from gas treatment
10 06 07*	Sludges and filter cakes from gas treatment
10 06 09*	Wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	Wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 08*	Salt slag from primary and secondary production
10 08 10*	Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 08 12*	Tar-containing wastes from anode manufacture

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
10 08 15*	Flue-gas dust containing hazardous substances
10 08 17*	Sludges and filter cakes from flue-gas treatment containing hazardous substances
10 08 19*	Wastes from cooling-water treatment containing oil
10 09	wastes from casting of ferrous pieces
10 09 05*	Casting cores and moulds which have not undergone pouring containing hazardous substances
10 09 07*	Casting cores and moulds which have undergone pouring containing hazardous substances
10 09 09*	Flue-gas dust containing hazardous substances
10 09 11*	Other particulates containing hazardous substances
10 09 13*	Waste binders containing hazardous substances
10 09 15*	Waste crack-indicating agent containing hazardous substances
10 10	wastes from casting of non-ferrous pieces
10 10 05*	Casting cores and moulds which have not undergone pouring containing hazardous substances
10 10 07*	Casting cores and moulds which have undergone pouring containing hazardous substances
10 10 09*	Flue-gas dust containing hazardous substances
10 10 11*	Other particulates containing hazardous substances
10 10 13*	Waste binders containing hazardous substances
10 10 15*	waste crack-indicating agent containing hazardous substances
10 11	wastes from manufacture of glass and glass products
10 11 09*	Waste preparation mixture before thermal processing, containing hazardous substances
10 11 11*	Waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 13*	Glass-polishing and –grinding sludge containing hazardous substances
10 11 15*	Solid wastes from flue-gas treatment containing hazardous substances
10 11 17*	Sludges and filter cake from flue-gas treatment containing hazardous substances
10 11 19*	Solids from on-site effluent treatment containing hazardous substances
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 09*	Solid wastes from gas treatment containing hazardous substances
10 12 11*	Wastes from glazing containing heavy metals
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 09*	Wastes from asbestos-cement manufacture containing asbestos
10 13 12*	Solid wastes from gas treatment containing hazardous substances
10 14	waste from crematoria
10 14 01*	Waste from gas cleaning containing mercury

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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
11 01 06*	Acids not otherwise specified
11 01 07*	Pickling bases
11 01 08*	Phosphatising sludges
11 01 09*	Sludges and filter cakes containing hazardous substances
11 01 11*	Aqueous rinsing liquids containing hazardous substances
11 01 13*	Degreasing wastes containing hazardous substances
11 01 15*	Eluate and sludges from membrane systems or ion exchange systems containing hazardous substances
11 01 16*	Saturated or spent ion exchange resins
11 01 98*	Other wastes containing hazardous substances
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 02*	Sludges from zinc hydrometallurgy
11 02 05*	Wastes from copper hydrometallurgical processes containing hazardous substances
11 02 07*	Other wastes containing hazardous substances
11 03	sludges and solids from tempering processes
11 03 01*	Wastes containing cyanide
11 03 02*	Other wastes
11 05	wastes from hot galvanising processes
11 05 03*	Solid wastes from gas treatment
11 05 04*	Spent flux
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)
12 01 07*	Mineral based machining oils free of halogens (except emulsions and solutions)
12 01 08*	Machining emulsions and solutions containing halogens
12 01 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 01 12*	Spent waxes and fats
12 01 14*	Machining sludges containing hazardous substances
12 01 16*	Waste blasting material containing hazardous substances
12 01 18*	Metal sludges (grinding, honing and lapping sludge) containing oil

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
12 01 19*	Readily biodegradable machining oil
12 01 20*	Spent grinding bodies and grinding materials containing hazardous substances
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	Aqueous washing liquids
12 03 02*	Steam degreasing wastes
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
13 01 04*	Chlorinated emulsions
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
13 01 10*	Mineral-based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	Mineral based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 07*	Readily biodegradable engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	Insulating or heat transmission oils containing PCBs
13 03 06*	Mineral-based chlorinated insulating or heat transmission oils other than those mentioned in 13 03 01
13 03 07*	Mineral-based non-chlorinated insulating or heat transmission oils
13 03 08*	Synthetic insulating and heat transmission oils
13 03 09*	Readily biodegradable insulating and heat transmission oils
13 03 10*	Other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
13 05	oil/water separator contents
13 05 01*	Solids from grit chambers and oil/water separators
13 05 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
13 05 06*	Oil from oil/water separators
13 05 07*	Oily water from oil/water separators
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	Fuel oil and diesel
13 07 02*	Petrol
13 07 03*	Other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	Desalter sludges or emulsions
13 08 02*	Other emulsions
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
14 06 02*	Other halogenated solvents and solvent mixtures
14 06 03*	Other solvents and solvent mixtures
14 06 04*	Sludges or solid wastes containing halogenated solvents
14 06 05*	Sludges or solid wastes containing other solvents
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 or contaminated by hazardous substances
15 01 11*	Metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
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 hazardous substances
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 04*	end-of-life vehicles
16 01 07*	Oil filters
16 01 08*	Components containing mercury
16 01 09*	Components containing PCBs
16 01 11*	Brake pads containing asbestos
16 01 13*	Brake fluids
16 01 14*	Antifreeze fluids containing hazardous substances
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

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
16 02	wastes from electrical and electronic equipment
16 02 09*	Transformers and capacitors containing PCBs
16 02 10*	Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12*	Discarded equipment containing free asbestos
16 02 13*	Discarded equipment containing components other than those mentioned in 16 02 09 to 16 02 12
16 02 15*	Hazardous components removed from discarded equipment
16 03	off-specification batches and unused products
16 03 03*	Inorganic wastes containing hazardous substances
16 03 05*	Organic wastes containing hazardous substances
16 03 07*	Metallic mercury
16 05	gases in pressure containers and discarded chemicals
16 05 04*	Gases in pressure containers (including halons) containing hazardous substances
16 05 06*	Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 05 07*	Discarded inorganic chemicals consisting of or containing hazardous substances
16 05 08*	Discarded organic chemicals consisting of or containing hazardous substances
16 06	batteries and accumulators
16 06 01*	Lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	Mercury-containing batteries
16 06 06*	Separately collected electrolyte from batteries and accumulators
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	Wastes containing oil
16 07 09*	Wastes containing other hazardous substances
16 08	spent catalysts
16 08 02*	Spent catalysts containing hazardous transition metals or hazardous transition metal compounds
16 08 05*	Spent catalysts containing phosphoric acid
16 08 06*	Spent liquids used as catalysts
16 08 07*	Spent catalysts contaminated with hazardous substances
16 09	oxidising substances
16 09 01*	Permanganates, for example potassium permanganate
16 09 02*	Chromates, for example potassium chromate, potassium or sodium dichromate
16 09 03*	Peroxides, for example hydrogen peroxide
16 09 04*	Oxidising substances, not otherwise specified

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	Aqueous liquid wastes containing hazardous substances
16 10 03*	Aqueous concentrates containing hazardous substances
16 11	waste linings and refractories
16 11 01*	Carbon-based linings and refractories from metallurgical processes containing hazardous substances
16 11 03*	Other linings and refractories from metallurgical processes containing hazardous substances
16 11 05*	Linings and refractories from non-metallurgical processes containing hazardous substances
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 hazardous substances
17 02	wood, glass and plastic
17 02 04*	Glass, plastic and wood containing or contaminated with hazardous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	Bituminous mixtures containing coal tar
17 03 03*	Coal tar and tarred products
17 04	metals (including their alloys)
17 04 09*	Metal waste contaminated with hazardous substances
17 04 10*	Cables containing oil, coal tar and other hazardous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	Soil and stones containing hazardous substances
17 05 05*	Dredging spoil containing hazardous substances
17 05 07*	Track ballast containing hazardous substances
17 06	insulation materials and asbestos-containing construction materials
17 06 01*	Insulation materials containing asbestos
17 06 03*	Other insulation materials consisting of or containing hazardous substances
17 06 05*	Construction materials containing asbestos
17 08	gypsum-based construction material
17 08 01*	Gypsum-based construction materials contaminated with hazardous substances
17 09	other construction and demolition wastes
17 09 01*	Construction and demolition wastes containing mercury
17 09 02*	Construction and demolition wastes containing PCBs
17 09 03*	Other construction and demolition wastes (including mixed wastes) containing hazardous substances

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
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 hazardous substances
18 01 08*	Cytotoxic and cytostatic medicines
18 01 10*	Amalgam waste from dental care
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 05*	Chemicals consisting of or containing hazardous substances
18 02 07*	Cytotoxic and cytostatic medicines
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
19 01 06*	Aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 07*	Solid wastes from gas treatment
19 01 10*	Spent activated carbon from flue-gas treatment
19 01 11*	Bottom ash and slag containing hazardous substances
19 01 13*	Fly ash containing hazardous substances
19 01 15*	Boiler dust containing hazardous substances
19 01 17*	Pyrolysis wastes containing hazardous substances
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	Premixed wastes composed of at least one hazardous waste
19 02 05*	Sludges from physico/chemical treatment containing hazardous substances
19 02 07*	Oil and concentrates from separation
19 02 08*	Liquid combustible wastes containing hazardous substances
19 02 09*	Solid combustible wastes containing hazardous substances
19 02 11*	Other wastes containing hazardous substances
19 03	stabilised/solidified wastes
19 03 04*	Wastes marked as hazardous, partly stabilised other than 19 03 08*
19 03 06*	Wastes marked as hazardous, solidified
19 04	vitrified waste and wastes from vitrification
19 04 02*	Fly ash and other flue-gas treatment wastes
19 04 03*	Non-vitrified solid phase
19 07	landfill leachate
19 07 02*	Landfill leachate containing hazardous substances
19 08	wastes from waste water treatment plants not otherwise specified

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
19 08 06*	Saturated or spent ion exchange resins
19 08 07*	Solutions and sludges from the regeneration of ion exchangers
19 08 08*	Membrane system waste containing heavy metals
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11*	Sludges containing hazardous substances from biological treatment of industrial waste water
19 08 13*	Sludges containing hazardous substances from other treatment of industrial waste water
19 10	wastes from shredding of metal-containing wastes
19 10 03*	Fluff-light fraction and dust containing hazardous substances
19 10 05*	Other fractions containing hazardous substances
19 11	wastes from oil regeneration
19 11 01*	Spent filter clays
19 11 02*	Acid tars
19 11 03*	Aqueous liquid wastes
19 11 04*	Wastes from cleaning of fuel with bases
19 11 05*	Sludges from on-site effluent treatment containing hazardous substances
19 11 07*	Wastes from flue-gas cleaning
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 06*	Wood containing hazardous substances
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	wastes from soil and groundwater remediation
19 13 01*	Solid wastes from soil remediation containing hazardous substances
19 13 03*	Sludges from soil remediation containing hazardous substances
19 13 05*	Sludges from groundwater remediation containing hazardous substances
19 13 07*	Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances
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
20 01 14*	Acids
20 01 15*	Alkalines
20 01 17*	Photochemicals
20 01 19*	Pesticides
20 01 21*	Fluorescent tubes and other mercury-containing waste
20 01 23*	Discarded equipment containing chlorofluorocarbons
20 01 26*	Oil and fat other than those mentioned in 20 01 25

Table S2.4 Permitted waste types and quantities for waste storage, repackaging and bulking	
Limits	Maximum quantity: 140 tonnes/day (repackaging and bulking)
Waste code	Description
20 01 27*	Paint, inks, adhesives and resins containing hazardous substances
20 01 29*	Detergents containing hazardous substances
20 01 31*	Cytotoxic and cytostatic medicines
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
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 37*	Wood containing hazardous substances

Table S2.5 Permitted hazardous waste types for phase separation	
Waste code	Description
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 03*	Tank bottom sludges
05 01 06*	Oily sludges from maintenance operations of the plant or equipment
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 03	wastes from MFSU of printing inks
08 03 19*	Disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 17*	Rosin oil
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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 13*	Degreasing wastes containing hazardous substances
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)
12 01 07*	Mineral based machining oils free of halogens (except emulsions and solutions)
12 01 08*	Machining emulsions and solutions containing halogens
12 01 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 01 14*	Machining sludges containing hazardous substances
12 01 18*	Metal sludges (grinding, honing and lapping sludge) containing oil
12 01 19*	Readily biodegradable machining oil

Table S2.5 Permitted hazardous waste types for phase separation	
Waste code	Description
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 04*	Chlorinated emulsions
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
13 01 10*	Mineral-based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 07*	Readily biodegradable engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 06*	Mineral-based chlorinated insulating or heat transmission oils other than those mentioned in 13 03 01
13 03 07*	Mineral-based non-chlorinated insulating or heat transmission oils
13 03 08*	Synthetic insulating and heat transmission oils
13 03 09*	Readily biodegradable insulating and heat transmission oils
13 03 10*	Other insulating and heat transmission oils
13 05	oil/water separator contents
13 05 03*	Interceptor sludges
13 05 06*	Oil from oil/water separators
13 05 07*	Oily water from oil/water separators
13 07	wastes of liquid fuels
13 07 03*	Other fuels (including mixtures)
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 05*	Organic wastes containing hazardous substances
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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	Oil and concentrates from separation
19 02 08*	Liquid combustible wastes containing hazardous substances

Table S2.6 Permitted non-hazardous waste types for shredding/product destruction	
Waste code	Description
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 12	Waste paint and varnish other than those mentioned in 08 01 11
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 04	Inorganic wastes other than those mentioned in 16 03 03
16 03 06	Organic wastes other than those mentioned in 16 03 05
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 07	Chemicals other than those mentioned in 18 01 06
18 01 09	Medicines other than those mentioned in 18 01 08
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 03	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	Chemicals other than those mentioned in 18 02 05
18 02 08	Medicines other than those mentioned in 18 02 07
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 28	Paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	Detergents other than those mentioned in 20 01 29
20 01 32	Medicines other than those mentioned in 20 01 31

Table S2.7 Limitations		
Specifications/Limit	For Landfill and thermal treatment	Comment
Flash Point	≥55°C	The plant is not rated to treat low flash point materials, however it was designed to treat wastes with a flashpoint ≥55°C, which, following the changes to the definition of hazardous waste in WM3 may now fall into HP3, first indent (flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point >55°C and ≤75°C”).

Table S2.7 Limitations		
Specifications/Limit	For Landfill and thermal treatment	Comment
Strongly odorous wastes	Non-malodorous after compatibility testing	Odour persistent in final mix will cause issue for on-site storage and landfill
Lachrymatory waste		Lachrymatory material persistent in final mix will cause issue for on-site storage and landfill
Ammonia and amine levels	<300 ppm	Gives off ammonia with alkaline mixes
Formaldehyde	<10 ppm	Threshold odour limit very low. Heat from reaction could cause high vapour emission of formaldehyde
Material with the Hazardous Property HP1 (explosive)		Could cause explosion
Material with the Hazardous Property HP2 (oxidising)		Could cause fire/heat
Material with the Hazardous Property HP9 (infectious)		Abatement not suitable for infectious material
Material hazardous due to persistent organic pollutant concentration (POPs)		Treatment not suitable for POPs
Material with the Hazard Statement Code H250		Could cause fire
Material with the Hazard Statement Code H260 or H261		Could cause fire/heat
Acidity	<8%	Strongly acidic solutions may cause excessive heat from exothermic reaction

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
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
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
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
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	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
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	sludges from washing and cleaning
02 02 04	sludges from on-site effluent treatment
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
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
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
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	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
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 09	lime mud waste
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	Wastes from the leather, fur and textile industries
04 01	wastes from the leather and fur industry
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 04	tanning liquor containing chromium
04 01 05	tanning liquor free of chromium
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 04	waste from cooling columns
05 07	wastes from natural gas purification and transportation
05 07 02	wastes containing sulphur
06	Wastes from inorganic chemical processes
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 03	carbon black
07	Wastes from organic chemical processes
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	wastes containing silicones other than those mentioned in 07 02 16
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
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 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	wastes from the MFSU of pharmaceuticals
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 05 14	solid wastes other than those mentioned in 07 05 13
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
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 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 20	flue-gas dust other than those mentioned in 10 03 19

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 04	other particulates and dust
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
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 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
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 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
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 01	paper and cardboard packaging
15 01 02	plastic packaging

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
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 03	end-of-life tyres
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	off-specification batches and unused products
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 08	spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)
16 10	aqueous liquid wastes destined for off-site treatment
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 07	chemicals other than those mentioned in 18 01 06
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 06	chemicals other than those mentioned in 18 02 05
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 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 03	stabilised/solidified wastes
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 04 04	aqueous liquid wastes from vitrified waste tempering
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
19 06	wastes from anaerobic treatment of waste
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 07	landfill leachate
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
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
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
19 11	wastes from oil regeneration
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
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 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 32	medicines other than those mentioned in 20 01 31
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets

Table S2.8 Permitted waste types for non-hazardous waste operations	
Limits	Maximum throughput: 60,000 tonnes/year
Waste code	Description
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 07	bulky waste

Table S2.9 Permitted waste types and quantities for hazardous aerosol canister treatment.	
Maximum quantity	The total quantity of waste accepted at the site for Activity AR12 and AR22, as referenced in Table S1.1 of the permit shall not exceed 17,885 tonnes a year.
Waste code	Description
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 hazardous substances
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
14	Waste organic solvents, refrigerants and propellants (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 03*	other solvents and solvent mixtures
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 hazardous substances
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 05*	organic wastes containing hazardous substances
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances
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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 11*	other wastes containing hazardous substances
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
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 27*	paint, inks, adhesives and resins containing hazardous substances

Table S2.10 Permitted waste types and quantities for non-hazardous aerosol canister treatment.	
Maximum quantity	The total quantity of waste accepted at the site for Activity AR12 and AR22, as referenced in Table S1.1 of the permit shall not exceed 17,885 tonnes a year.
Waste code	Description
16	Wastes not otherwise specified in the list
16 05	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
A1	Release from drum crusher on lower yard	No parameters set	No limit set	--	--	Permanent sampling access not required
A2	Release from drum crusher on upper yard	No parameters set	No limit set	--	--	Permanent sampling access not required
A3	Vent from abatement system of shredder/ hazardous waste mixing vessel	Particulates to air	No visible dust	Continuous	--	--
			50 mg/m³	1 hour	Annual	BS EN 13284-1
		Total Volatile Organic Compounds as carbon [note 1]	100 g/hour	½-hour average	Annual	BS EN 12619:2013
A4	Emergency flare [note 2]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	150 mg/m³	Average over sample period	Annual [note 3]	BS EN 14792
		Carbon monoxide	50 mg/m³			BS EN 15058
		Total VOCs	10 mg/m³			BS EN 12619
Note 1: As categorised by DOE report No DoE/HMIP/RR/95/009 Report titled “The Categorisation of Volatile Organic Compounds” published by the Environment Agency.						
Note 2 - These limits are based on normal operating conditions and load - temperature 0°C (273K); pressure: 101.3 kPa and oxygen: 3 per cent (dry gas). The measurement uncertainty specified in LFTGN05 v2 2010 shall apply.						
Note 3 - Following the completion of IC, monitoring to be undertaken only in the event the emergency flare has been operational for more than 10 per cent of a year (876 hours). Record of operating hours to be submitted annually to the Environment Agency.						

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan LW15-05- 0237/201 emission to Strongford WwTW	Tank farm	No parameters set	--	--	--	--
S2 – 9 on site plan LW15-05- 0237 /201 emission to Strongford WwTW	Roof Drainage	No parameters set	--	--	--	--

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.6.1.	A3, A4	Every 12 months	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Quantity of waste landfilled	tonnes
Quantity of waste discharged to foul sewer	litres
Non-waste outputs	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Emergency flare operation	Annually	hours

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	08/06/2022
Water usage	Form water usage1 or other form as agreed in writing by the Agency	14/10/2015
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	14/10/2015
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	14/10/2015
Waste returns	E-waste Return Form or other form as agreed in writing by the Environment Agency	--

Schedule 5 – 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 EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit 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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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 breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) 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 facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment 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.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“disposal” means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“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.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface, and should be read in conjunction with the term “sealed drainage system”.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- (a) no liquid will run off the surface otherwise than via the system;
- (b) except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“weatherproof covering” means covering which will prevent the ingress of rainwater.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

Where the following terms appear in the waste code lists in Schedule 2 (Tables S2.2, S2.3A, S2.3B, S2.4, S2.5, S2.6, S2.7, S2.8, S2.9 and S2.10), they have the meaning given below.

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that “PCBs” means:

polychlorinated biphenyls;

polychlorinated terphenyls;

monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane;

any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

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

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT