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Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Castle Waste Services Limited

**Roath Dock Treatment and Recycling
Centre
Old Clipper Road
Roath Dock
Cardiff
CF10 4LX**

Permit number

EPR/LP3439HM

Roath Dock Treatment and Recycling Centre

Permit number EPR/LP3439HM

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The site is located within Cardiff Docks on the East Quay of Roath Dock. The installation is split into three yards occupying a footprint of 0.5 Ha.

The permit allows the facility to undertake waste treatment activities including treatment of waste oils for recovery and physico-chemical treatment of wastes. Wastes treated by physico-chemical treatment consist of liquid waste acids, alkalis and sludges. These wastes are treated by neutralisation, precipitation and filtration.

The main focus of the activities is the treatment of Air Pollution Control residues (APCr) from incinerators by removal of the soluble content by washing. The facility will have the capability to produce two specifications of material. It will produce either a synthetic gypsum material or a material with high residual lime content which can be used as a cement substitute.

The permit contains pre operational conditions that are required to be agreed with Natural Resources Wales prior to the proposed cement blending operation. This will allow the site to use and mix bulk cement and prepare ready made concrete products.

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

| Status log of the permit | | |
|---|---------------------------|--|
| Description | Date | Comments |
| Application PPC/JP3231SW | Duly Made 31/10/05 | |
| Request for clarification of information (technical description of treatment process) | Request dated 09/02/06 | Information received: 17/02/06 01/03/06 Meeting with applicant's consultant 07/03/06 |
| Request to extend determination | Request dated 21/02/06 | Request accepted 02/03/06 |
| Revised site plan showing zoning | Request dated 07/03/06 | Received 07/03/06 |
| Permit PPC/JP3231SW determined | 06/06/06 | |
| Variation application PPC/UP3339UP Received | 20/02/07 | |
| Variation PPC/UP3339UP application fee received and application duly made | 13/03/07 | |

| Status log of the permit | | |
|--|-------------------------|--|
| Description | Date | Comments |
| Variation PPC/UP3339UP determined | 27/03/07 | Permit number remains as PPC/JP3231SW |
| Transfer Application EPR/LP3439HM/T001 (full transfer of permit PPC/JP3231SW) | Duly Made 18/08/10 | Full transfer, limited change of management. |
| Transfer EPR/LP3439HM determined | 24/08/10 | Transfer notice issued. Permit number changes to EPR/LP3439HM |
| Variation application EPR/LP3439HM/V002 | Duly Made 16/08/12 | Application to add waste codes to the permit |
| Variation determined EPR/LP3439HM/V002 | 24/08/12 | Variation notice issued. Permit number remains as EPR/LP3439HM |
| Application EPR/LP3439HM/V003 (variation and consolidation) | Duly made 09/04/2013 | Application to vary and update the permit to modern conditions. |
| Additional information requested | 21/05/2013 | Schedule 5 Notice sent |
| Additional information received | 12/06/2013 | Response to Schedule 5 Notice |
| Variation determined EPR/LP3439HM/V003 Permit number EPR/LP3439HM | 15/08/2013 | Varied and consolidated permit issued in modern condition format |
| Regulation 61 Notice sent to the Operator | 05/04/19 | Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for Waste Treatment. |
| Regulation 61 Notice response | 07/10/19 | Response received from the operator. |
| Additional information received | 11/08/20 | Additional information received for various BAT Conclusions. |
| Natural Resources Wales Initiated Variation determined EPR/LP3439HM/V004 | 29/07/21 | Variation Issued |

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/LP3439HM

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/LP3439HM/V004** authorising,

Castle Waste Services Limited ("the operator"),
whose registered office is

**Treatment Centre
Crompton Road
Ilkeston
Derbyshire
DE7 4BG**

company registration number **01359619**

to operate an installation at

**Roath Dock Treatment and Recycling Centre
Old Clipper Road
Roath Dock
Cardiff
CF10 4LX**

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

| Name | Date |
|--------------------|-------------------|
| Holly Noble | 29/07/2021 |

Authorised on behalf of Natural Resources Wales

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 or other approval issued by Natural Resources Wales.

1.2 Energy efficiency

- 1.2.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every 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 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 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
 - (a) 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 Natural Resources Wales.
 - (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 table(s) S2.2 to S2.7; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 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.

2.3.5 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.

2.4 Technical requirements

Hazardous waste storage and treatment

2.4.1 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.

2.5 Improvement programme

2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.4 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.

2.5.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales 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, S3.2 and S3.3.

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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
- 3.5.2 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.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.5.4 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, S3.2 and 3.4 unless otherwise agreed in writing by Natural Resources Wales.

3.6 Pests

- 3.6.1 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.
- 3.6.2 The operator shall:
- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales

3.7 Fire

- 3.7.1 The operator shall manage and operate the activities in accordance with a written fire prevention plan using the current, relevant fire prevention and mitigation plan guidance.
- 3.7.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention and mitigation plan which identifies and minimises the risks of fire;
 - (b) Operate the activity in accordance with the fire prevention and mitigation plan, from the date of submission, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Natural Resources Wales 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

- (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
 - (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 Natural Resources Wales 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.

- 4.3.4 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) Natural Resources Wales 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.
- 4.3.5 Natural Resources Wales 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 |
| A1 – A6 | | | No more than 2,500 tonnes of waste shall be stored at any one time. |
| A1 - Aqueous Hazardous waste | Section 5.3 Part A(1)(a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities: (ii) physico-chemical treatment; (iii) blending or mixing prior to submission to any of the other activities listed in this section or in section 5.1; (iv) repackaging prior to submission to any of the other activities listed in this section or in section 5.1; (vi) recycling or reclamation of inorganic materials other than metals or metal compounds | <p>Treatment of hazardous aqueous waste for disposal or recovery.</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>D13 Blending or mixing prior to submission to any of the operations numbered D1 to D13.</p> <p>D14 Repackaging prior to submission to any of the operations numbered D1 to D13.</p> <p>D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection on the site where the waste is produced).</p> <p>R5 Recycling/reclamation of other inorganic materials.</p> <p>R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced).</p> | <p>All waste must be stored and treated in sealed containers and serviced with secondary containment measures comprising of suitably bunded impermeable surfaces with sealed drainage system.</p> <p>Treatment consists of neutralisation, pH adjustment, dewatering, precipitation using filter press and associated container handling operations.</p> <p>Waste types as per Table S2.2.</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 |
|--|--|---|---|
| A2 - Aqueous non-hazardous waste | Section 5.4 Part A(1) (a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC concerning urban wastewater treatment (ii) physico-chemical treatment | <p>Treatment of non-hazardous aqueous waste for disposal</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>D13 Blending or mixing prior to submission to any of the operations numbered D1 to D13.</p> <p>D14 Repackaging prior to submission to any of the operations numbered D1 to D13.</p> | <p>All waste must be stored and treated in sealed containers and serviced with secondary containment measures comprising of suitably banded impermeable surfaces with sealed drainage system.</p> <p>Treatment consists of neutralisation, pH adjustment, dewatering, precipitation using filter press and associated container handling operations.</p> <p>Waste types as detailed in Table S2.3</p> |
| A3 - Hazardous Waste Recycling process | Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities: (ii) physico-chemical treatment; (iii) blending or mixing prior to submission to any of the other activities listed in this section or in section 5.1; (iv) repackaging prior to submission to any of the other activities listed in this section or section 5.1; (vi) recycling or reclamation of other inorganic materials other than metals or metal compounds; (viii) recovery of components used for pollution abatement. | <p>Treatment of APCr for recovery or disposal.</p> <p>D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12.</p> <p>D14 Repackaging prior to submission to any of the operations numbered D1 to D13.</p> <p>R 5 Recycling/reclamation of other inorganic materials.</p> <p>R 7 Recovery of components used for pollution abatement.</p> | <p>All waste must be stored and treated in sealed containers and serviced with secondary containment measures comprising of suitably banded impermeable surfaces with sealed drainage system.</p> <p>Treatment by material washing process comprising neutralisation, centrifuge and dewatering by filter press.</p> <p>Waste types as detailed in Table S2.4.</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 |
|--|---|---|---|
| A4 - Non Hazardous Waste Recycling Process | Section 5.4 Part A (1) (b) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC (iii) treatment of slags and ashes | <p>Treatment of APCr for recovery or disposal.</p> <p>D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12.</p> <p>D14 Repackaging prior to submission to any of the operations numbered D1 to D13.</p> <p>R5 Recycling/reclamation of other inorganic materials.</p> <p>R7 Recovery of components used for pollution abatement.</p> | <p>All waste must be stored and treated in sealed containers and serviced with secondary containment measures comprising of suitably banded impermeable surfaces with sealed drainage system.</p> <p>Treatment by material washing process comprising neutralisation, centrifuge and de-watering by filter press.</p> <p>Waste types as detailed in Table S2.5.</p> |
| A5 - Oil water process | Section 5.3 Part A(1) (a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities (ii) physico-chemical treatment. | <p>R3 Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes.</p> <p>R9 Oil re-refining or other reuses of oil.</p> | <p>All waste must be stored and treated in sealed containers and serviced with secondary containment measures comprising of suitably banded impermeable surfaces with sealed drainage system.</p> <p>Treatment by physical separation of the aqueous and organic liquid using Tiled Plate Separator equipment.</p> <p>Waste types as identified in Table S2.6.</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 |
|-------------------------------------|--|--|---|
| A6 - Waste storage and transfer | Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in section 5.1, 5.2, 5.3, except temporary storage, pending collection, on the site where the waste is generated. | Temporary storage of waste pending transfer off site for recovery or disposal. D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced) R13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where the waste is produced). | All waste must be stored within sealed containers served by bunded impermeable surfaces with sealed drainage system. Waste that is either liquid or sludges must be stored in sealed containers. Waste consisting mainly of dusts or powder must be stored in sealed containers. There shall be no mixing of hazardous waste. Treatment consisting only of manual sorting or manual separation of waste into different components for disposal or recovery. Waste types as identified in Table S2.7. |
| A7 - Cement Blending | Section 3.1 Part B (b) Blending cement in bulk or using cement in bulk other than at a construction site, including the bagging of cement and cement mixtures, the batching of ready mixed concrete and the manufacture of concrete blocks and other cement products. | Mixing and use of cement products. | |
| Directly Associated Activity | | | |
| A8 | Discharge of trade effluent to sewer | D6 Release into a water body except sea/oceans | Effluent from activities A1 – A6 |

Table S1.2 Operating techniques

| Description | Parts | Date Received |
|--|--|----------------------|
| Waste pre-acceptance procedure 1.1.1. Document reference AP6.1. | All | 13/02/13 |
| Waste Acceptance Procedures - 1.9.1. Document reference AP6.2 | All | 13/02/13 |
| Cardiff Safety – 2.3.1.5 - Site Storage and segregation policy. Document Reference AP6.3 | All | 13/02/13 |
| Cardiff Safety – 2.3.1.5.1 - Container Storage and segregation policy. Document reference AP6.4 | All | 13/02/13 |
| Process flow diagrams reference AP6.5 | All | 13/02/13 |
| Method Statement 2.3.2.6 - Aqueous Treatment Process. Document reference AP6.7 | All | 13/02/13 |
| Method Statement 2.3.2.7 - Oil-Water Process. Document reference AP6.8 | All | 13/02/13 |
| Response to Not Duly Made letter | BAT appraisal 2.1.2 Waste Acceptance reference CWSLR1.3 Cement Blending Plant Non-Technical Summary | 08/04/13 |
| Response to regulation 61(1) Notice – request for information dated 05/04/19 detailing how the Operator will comply with the BAT conclusions for Waste Treatment, under Directive 2010/75/EU of the European Parliament and of the Council | | 07/10/19 |
| Additional information for regulation 61(1) Notice | | 11/08/20 |
| Fire prevention and mitigation plan guidance – Waste Management | All relevant sections | N/A |

Table S1.2 Operating techniques

| Description | Parts | Date Received |
|-------------------------------------|-----------------------|------------------|
| Fire prevention and mitigation plan | All relevant sections | In line with IC3 |

Table S1.3 Improvement programme requirements

| Reference | Requirement | Date |
|-----------|---|---|
| IC1 | Submit a written report to Natural Resources Wales for approval. The report must demonstrate compliance with the requirements of Sections 2.1.2 and 2.1.3 of S5.06. The report must contain dates for the implementation of individual measures. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report. | Completed |
| IC2 | Submit a report to Natural Resources Wales, demonstrating that monitoring is carried out in accordance with MCERTS certification or accreditation. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report. | Completed |
| IC3 | The operator shall submit a written Fire prevention and mitigation plan to Natural Resources Wales. The Fire prevention and mitigation plan must be produced in line with the standards set out in Fire prevention and mitigation plan guidance – Waste. | 3 months after permit issue or otherwise agreed in writing with Natural Resources Wales |
| IC4 | The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with BAT Conclusion 1 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018). | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |

Table S1.3 Improvement programme requirements

| Reference | Requirement | Date |
|-----------|---|--|
| IC5 | <p>The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with the following BAT requirements in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018) in relation to:</p> <ul style="list-style-type: none"> • BAT 3 - in order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of waste water and waste gas streams, as part of the Environmental Management System, that incorporates all of the following features: <ul style="list-style-type: none"> ○ Information about the characteristics of the waste to be treated and the waste treatment processes; ○ information about the characteristics of the waste water streams; and ○ information about the characteristics of the waste gas streams. • BAT 6 - for relevant emissions to water as identified by the inventory of waste water streams (see BAT 3), BAT is to monitor key process parameters (e.g. waste water flow, pH, temperature, conductivity, BOD) at key locations (e.g. at the point where the emission leaves the installation). BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality. • BAT 7 - is to monitor emissions to water with at least the frequency given within the table of BAT 7 and in accordance with EN standards. • BAT 20 – in order to reduce emissions to water, BAT is to treat waste water by using an appropriate combination of the techniques described within the table of BAT 20 with the associated BAT-AELs. <p>The Operator shall submit for written approval a methodology for meeting the relevant process parameters listed in Schedule 3b Table S3.2, following completion of BAT 3. The methodology shall identify each of the relevant process parameters and detail the frequency and techniques in place to record the data (outlined in BAT 7 and BAT 20). Where a process parameter cannot be monitored justification should be provided and/or a suitable alternative proposed. The methodology should include trigger levels for each of the relevant parameters identified with associated procedures in place if trigger levels are exceeded.</p> | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |

Table S1.3 Improvement programme requirements

| Reference | Requirement | Date |
|-----------|---|--|
| IC6 | <p>The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with the following BAT requirements in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018) in relation to:</p> <ul style="list-style-type: none"> BAT 3 - in order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of waste water and waste gas streams, as part of the Environmental Management System, that incorporates all of the following features: <ul style="list-style-type: none"> Information about the characteristics of the waste to be treated and the waste treatment processes; information about the characteristics of the waste water streams; and information about the characteristics of the waste gas streams. BAT 8 - upon completion and review of the inventory of waste gas streams, BAT 8 is to monitor channelled emissions to air with at least the frequency outlined within the table of BAT 8. BAT 41 - in order to reduce emissions of dust, organic compounds and NH₃ to air, BAT is to apply BAT 14d and use one or a combination of techniques described within the table of BAT 41 with the associated BAT-AELs. BAT 53 - in order to reduce emissions to air, BAT is to reduce air emissions by using an appropriate combination of the techniques described within the table of BAT 53 with the associated BAT-AELs. <p>The Operator shall submit for written approval a methodology for monitoring the relevant process parameters listed in Schedule 3b Table S3.1 following completion of BAT 3. The methodology shall identify each of the relevant process parameters and detail the frequency and techniques in place to record the data (outlined in BAT 8 and BAT 53). Where a process parameter cannot be monitored justification should be provided and/or a suitable alternative proposed. The methodology should include trigger levels for each of the relevant parameters identified with associated procedures in place if trigger levels are exceeded.</p> | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |
| IC7 | <p>The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with BAT Conclusion 5 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018).</p> <p>The Operator shall submit details for how the installation takes precautions when mixing or blending wastes and how procedures are risk-based and consider the likelihood of accidents, incidents and their environmental impact.</p> | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |
| IC8 | <p>The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with BAT Conclusion 14 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018).</p> | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |

Table S1.3 Improvement programme requirements

| Reference | Requirement | Date |
|-----------|--|--|
| IC9 | The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with BAT Conclusion 19 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018). | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |
| IC10 | The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with BAT Conclusion 23 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018). | 17 February 2022 or otherwise agreed in writing by Natural Resources Wales |

Table S1.4 Pre-operational measures for future development

| Reference | Operation | Pre-operational measures |
|-----------|---|--|
| 1 | A3 and A4 – Hazardous Waste and Non Hazardous Waste Recycling | At least one month before operating the operator shall submit a detailed method statement for materials washing plant operations. |
| 2 | A3 and A4 – Hazardous Waste and Non Hazardous Waste Recycling and A7 Cement Blending activity | At least one month before operating, the operator shall submit for approval a Fugitive Emissions Management Plan and an Accident Management Plan for the following activities listed in Table S1.1: A3, A4 and A7. |
| 3 | A7 – Cement Blending Activity | At least 1 month before operating, the operator shall submit a report demonstrating that the necessary infrastructure and operational procedures are in place for the operation of the cement blending activity. |

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

| Raw materials and fuel description | Specification |
|------------------------------------|---------------|
| None | None |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| 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 04* | acid-generating tailings from processing of sulphide ore |
| 01 03 05* | other tailings containing dangerous substances |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 07* | other wastes containing dangerous 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 dangerous substances from physical and chemical processing of non- metalliferous minerals |
| 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 |
| 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 05* | oil-containing drilling muds and wastes |
| 01 05 06* | drilling muds and other drilling wastes containing dangerous substances |
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 02 | 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 07 | wastes from forestry |
| 02 01 08* | agrochemical waste containing dangerous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 02 02 | wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 01 | sludges from washing and cleaning |

| Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment | |
|---|---|
| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
| Waste code | Description |
| 02 02 03 | materials unsuitable for consumption or processing |
| 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 and cleaning |
| 02 03 02 | animal-tissue waste |
| 02 03 03 | materials unsuitable for consumption or processing |
| 02 03 04 | sludges from on-site effluent treatment |
| 02 04 | wastes from sugar processing |
| 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 01 | materials unsuitable for consumption or processing |
| 02 05 02 | sludges from on-site effluent treatment |
| 02 06 | wastes from the baking and confectionery industry |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 06 03 | sludges from on-site effluent treatment |
| 02 07 | 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 02 | wastes from wood preservation |
| 03 02 01* | non-halogenated organic wood preservatives |
| 03 02 02* | organochlorinated wood preservatives |
| 03 02 03* | organometallic wood preservatives |
| 03 02 04* | inorganic wood preservatives |
| 03 02 05* | other wood preservatives containing dangerous substances |
| 03 03 | 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 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 03* | degreasing wastes containing solvents without a liquid phase |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 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 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | dyestuffs and pigments containing dangerous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |
| 04 02 19* | sludges from on-site effluent treatment containing dangerous substances |
| 04 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 04 02 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| 05 | 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 07* | acid tars |
| 05 01 09* | sludges from on-site effluent treatment containing dangerous substances |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 13 | boiler feedwater sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 05 06 | wastes from the pyrolytic treatment of coal |
| 05 06 01* | acid tars |
| 05 06 03* | other tars |
| 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 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 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 |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 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 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| 06 04 | 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 |
| 06 05 02* | sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 | wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes |
| 06 06 02* | wastes containing dangerous sulphides |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 07 | wastes from the MFSU of halogens and halogen chemical processes |
| 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 dangerous silicones |
| 06 09 | wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 03* | calcium-based reaction wastes containing or contaminated with dangerous substances |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 | wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture |
| 06 10 02* | wastes containing dangerous substances |
| 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 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 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 10* | other filter cakes and spent absorbents |
| 07 01 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 01 12 | sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 14* | wastes from additives containing dangerous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | wastes containing dangerous silicones |
| 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 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 02 04* | other organic solvents, washing liquids and mother liquors |
| 07 02 07* | halogenated still bottoms and reaction residues |
| 07 02 08* | other still bottoms and reaction residues |
| 07 02 09* | halogenated filter cakes and spent absorbents |
| 07 02 10* | other filter cakes and spent absorbents |
| 07 03 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 05 | wastes from the MFSU of pharmaceuticals |
| 07 05 01* | aqueous washing 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 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 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 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 11* | sludges from on-site effluent treatment containing dangerous substances |
| 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 01* | aqueous washing liquids and mother liquors |
| 07 07 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | other organic solvents, washing liquids and mother liquors |
| 07 07 07* | halogenated still bottoms and reaction residues |
| 07 07 08* | other still bottoms and reaction residues |
| 07 07 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 07 12 | sludges from on-site effluent treatment other than those mentioned in 07 07 11 |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| 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 dangerous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other dangerous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other dangerous substances |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 01 21* | waste paint or varnish remover |
| 08 02 | 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 12* | waste ink containing dangerous substances |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | ink sludges containing dangerous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing dangerous substances |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | disperse oil |
| 08 04 | wastes from MFSU of adhesives and sealants (including waterproofing products) |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other dangerous substances |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other dangerous substances |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 08 04 17* | rosin oil |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 05* | bleach solutions and bleach fixer solutions |
| 09 01 06* | wastes containing silver from on-site treatment of photographic wastes |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| 10 | WASTES FROM THERMAL PROCESSES |
| 10 01 | wastes from power stations and other combustion plants (except 19) |
| 10 01 09* | sulphuric acid |
| 10 01 16* | Fly ash from co-incineration containing dangerous substances |
| 10 01 18* | Waste from gas cleaning containing dangerous substances |
| 10 01 20* | sludges from on-site effluent treatment containing dangerous substances |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 22* | aqueous sludges from boiler cleansing containing dangerous substances |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |
| 10 01 24 | sands from fluidised beds |
| 10 01 25 | wastes from fuel storage and preparation of coal-fired power plants |
| 10 01 26 | wastes from cooling-water treatment |
| 10 02 | wastes from the iron and steel industry |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 13* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other sludges and filter cakes |
| 10 03 | wastes from aluminium thermal metallurgy |
| 10 03 15* | skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 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 19* | Flue-gas dust containing dangerous substances |
| 10 03 21* | other particulates and dust (including ball-mill dust) containing dangerous substances |
| 10 03 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 25* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing dangerous substances |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| 10 04 | wastes from lead thermal metallurgy |
| 10 04 02* | dross and skimmings from primary and secondary production |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 10 04 04* | flue-gas dust |
| 10 04 05* | other particulates and dust |
| 10 04 06* | solid wastes from gas treatment |
| 10 04 07* | sludges and filter cakes from gas treatment |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 | wastes from zinc thermal metallurgy |
| 10 05 03* | flue-gas dust |
| 10 05 04 | other particulates and dust |
| 10 05 05* | solid waste from gas treatment |
| 10 05 06* | sludges and filter cakes from gas treatment |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 07* | sludges and filter cakes from gas treatment |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | wastes from silver, gold and platinum thermal metallurgy |
| 10 07 05 | sludges and filter cakes from gas treatment |
| 10 07 07* | wastes from cooling-water treatment containing oil |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 | wastes from other non-ferrous thermal metallurgy |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| 10 08 16 | flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 08 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 | wastes from casting of ferrous pieces |
| 10 09 13* | waste binders containing dangerous substances |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 15* | waste crack-indicating agent containing dangerous substances |
| 10 09 16 | waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 | wastes from casting of non-ferrous pieces |
| 10 10 13* | waste binders containing dangerous substances |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 15* | waste crack-indicating agent containing dangerous substances |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 | wastes from manufacture of glass and glass products |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 11* | waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 13* | glass-polishing and -grinding sludge containing dangerous substances |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 10 11 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 01 | waste preparation mixture before thermal processing |
| 10 12 05 | sludges and filter cakes from gas treatment |
| 10 12 11* | wastes from glazing containing heavy metals |
| 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 04 | wastes from calcination and hydration of lime |
| 10 13 07 | sludges and filter cakes from gas treatment |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 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; Non- Ferrous Hydro-Metallurgy |
| 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 dangerous substances |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | aqueous rinsing liquids containing dangerous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing dangerous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing dangerous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 01 98* | other wastes containing dangerous substances |
| 11 02 | wastes from non-ferrous hydrometallurgical processes |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | wastes from copper hydrometallurgical processes containing dangerous substances |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | other wastes containing dangerous substances |
| 11 03 | sludges and solids from tempering processes |
| 11 03 01* | wastes containing cyanide |
| 11 03 02* | other wastes |
| 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 02 | ferrous metal dust and particles |
| 12 01 04 | non-ferrous metal dust and particles |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 dangerous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing dangerous 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 04* | chlorinated emulsions |
| 13 01 05* | non-chlorinated emulsions |
| 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 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 07* | mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | synthetic insulating and heat transmission oils |
| 13 03 09* | readily biodegradable insulating and heat transmission oils |
| 13 03 10* | other insulating and heat transmission oils |
| 13 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 |
| 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 03* | other fuels (including mixtures) |
| 13 08 | oil wastes not otherwise specified |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 13 08 01* | desalter sludges or emulsions |
| 13 08 02* | other emulsions |
| 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 14* | antifreeze fluids containing dangerous 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 |
| 16 01 22 | components not otherwise specified |
| 16 03 | off-specification batches and unused products |
| 16 03 03* | inorganic wastes containing dangerous substances |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | organic wastes containing dangerous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| 16 05 | gases in pressure containers and discarded chemicals |
| 16 05 06* | laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals |
| 16 05 07* | discarded inorganic chemicals consisting of or containing dangerous substances |
| 16 05 08* | discarded organic chemicals consisting of or containing dangerous substances |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 06 | batteries and accumulators |
| 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 | 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 dangerous substances |
| 16 08 | spent catalysts |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with dangerous 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 |
| 16 10 | aqueous liquid wastes destined for off-site treatment |
| 16 10 01* | aqueous liquid wastes containing dangerous substances |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | aqueous concentrates containing dangerous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 17 03 03* | coal tar and tarred products |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 05* | dredging spoil containing dangerous substances |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 09 | other construction and demolition wastes |
| 17 09 03* | other construction and demolition wastes (including mixed wastes) containing dangerous substances |
| 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 06* | chemicals consisting of or containing dangerous substances |
| 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 05* | chemicals consisting of or containing dangerous substances |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 08 | medicines other than those mentioned in 18 02 07 |
| 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 06* | aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | Solid waste from gas treatment |
| 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 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing dangerous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing dangerous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing dangerous substances |
| 19 04 | vitrified waste and wastes from vitrification |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering |
| 19 06 | wastes from anaerobic treatment of waste |
| 19 06 03 | liquor from anaerobic treatment of municipal waste |
| 19 06 05 | liquor from anaerobic treatment of animal and vegetable waste |
| 19 07 | landfill leachate |
| 19 07 02* | landfill leachate containing dangerous substances |
| 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 02 | waste from desanding |
| 19 08 05 | sludges from treatment of urban waste water |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| 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 09* | grease and oil mixture from oil/water separation containing edible oil and fats |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing dangerous substances from biological treatment of industrial waste water |
| 19 08 12 | sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 |
| 19 08 13* | sludges containing dangerous substances from other treatment of industrial waste water |
| 19 08 14 | sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 |
| 19 09 | wastes from the preparation of water intended for human consumption or water for industrial use |
| 19 09 02 | sludges from water clarification |
| 19 09 03 | sludges from decarbonation |
| 19 09 06 | solutions and sludges from regeneration of ion exchangers |
| 19 11 | wastes from oil regeneration |
| 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 dangerous substances |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 19 11 07* | wastes from flue-gas cleaning |
| 19 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 dangerous substances |
| 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 03* | sludges from soil remediation containing dangerous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 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 25 | edible oil and fat |
| 20 01 27* | paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |

Table S2.2 Permitted waste types and quantities for A1 – Hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 20 01 29* | detergents containing dangerous substances |
| 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 03 | other municipal wastes |
| 20 03 03 | street-cleaning residues |
| 20 03 04 | septic tank sludge |
| 20 03 06 | Waste from sewage cleaning |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|------------------|---|
| 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 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 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 |
| 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 |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 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 07 | wastes from forestry |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 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 03 | materials unsuitable for consumption or processing |
| 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 02 | off-specification calcium carbonate |
| 02 04 03 | sludges from on-site effluent treatment |
| 02 05 | wastes from the dairy products industry |
| 02 05 01 | materials unsuitable for consumption or processing |
| 02 05 02 | sludges from on-site effluent treatment |
| 02 06 | wastes from the baking and confectionery industry |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 06 03 | sludges from on-site effluent treatment |
| 02 07 | 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 03 | wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | waste bark and wood |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 03 03 02 | green liquor sludge (from recovery of cooking liquor) |
| 03 03 05 | de-inking sludges from paper recycling |
| 03 03 07 | mechanically separated rejects from pulping of waste paper and cardboard |
| 03 03 09 | lime mud waste |
| 03 03 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 07 | sludges, in particular from on-site effluent treatment free of chromium |
| 04 01 09 | wastes from dressing and finishing |
| 04 02 | wastes from the textile industry |
| 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 | dye stuffs 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 |
| 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 feed water sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 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 MSFU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 07 | WASTES FROM ORGANIC CHEMICAL PROCESSES |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 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 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 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 waterproofing 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 S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 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 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 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 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 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 04 | other particulates and dust |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 | wastes from copper thermal metallurgy |
| 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 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 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 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 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 14 | waste binders other than those mentioned in 10 09 13 |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 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 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 01 | waste preparation mixture before thermal processing |
| 10 12 05 | sludges and filter cakes from gas treatment |
| 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 04 | wastes from calcination and hydration of lime |
| 10 13 07 | sludges and filter cakes from gas treatment |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 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 |
| 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 02 | ferrous metal dust and particles |
| 12 01 04 | non-ferrous metal dust and particles |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 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 22 | components not otherwise specified |
| 16 03 | off-specification batches and unused products |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74.999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 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 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 08 | spent catalysts |
| 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 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 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 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 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 08 | medicines other than those mentioned in 18 02 07 |
| 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 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 04 | vitrified waste and wastes from vitrification |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering |
| 19 06 | wastes from anaerobic treatment of waste |
| 19 06 03 | liquor from anaerobic treatment of municipal waste |
| 19 06 05 | liquor 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 |

Table S2.3 Permitted waste types and quantities for A2 – Non-hazardous aqueous waste treatment

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 19 08 | wastes from waste water treatment plants not otherwise specified |
| 19 08 02 | waste from desanding |
| 19 08 05 | sludges from treatment of urban waste water |
| 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 02 | sludges from water clarification |
| 19 09 03 | sludges from decarbonation |
| 19 09 06 | solutions and sludges from regeneration of ion exchangers |
| 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 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 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 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 03 | other municipal wastes |
| 20 03 03 | street-cleaning residues |
| 20 03 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 01 | WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS |
| 01 01 | wastes from mineral excavation |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 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 07* | Other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals. |
| 01 03 08 | dusty and powdery wastes other than those mentioned in 01 03 07 |
| 01 03 09 | red mud from alumina production other than the wastes mentioned in 01 03 07 |
| 01 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 01 04 07* | Wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals |
| 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 |
| 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 |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 02 04 | wastes from sugar processing |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 07 | wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 03 | Wastes from chemical treatment |
| 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 |
| 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 |
| 05 | WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL |
| 05 01 | wastes from petroleum refining |
| 05 01 14 | Wastes from cooling columns |
| 05 01 15* | spent filter clays |
| 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 |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 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 13* | Solid salts and solutions containing heavy metals |
| 06 03 14 | Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | Metallic oxides other than those mentioned in 06 03 15 |
| 06 04 | 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 |
| 06 05 02* | Sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 | wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes |
| 06 06 02* | wastes containing dangerous sulphides |
| 06 06 03 | Wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 07 | wastes from the MFSU of halogens and halogen chemical processes |
| 06 07 04* | Solutions and acids, for example 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 dangerous substances |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 | wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture |
| 06 10 02* | Wastes containing dangerous substances |
| 06 11 | wastes from the manufacture of inorganic pigments and opacifiers |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 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 07* | halogenated still bottoms and reaction residues |
| 07 01 10* | other filter cakes and spent absorbents |
| 07 01 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 01 12 | sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 01* | Aqueous washing liquids and mother liquors |
| 07 02 10* | other filter cakes and spent absorbents |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 07 02 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 15 | Wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | wastes containing dangerous silicones |
| 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 01* | Aqueous washing liquids and mother liquors |
| 07 03 10* | other filter cakes and spent absorbents |
| 07 03 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 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 01* | Aqueous washing liquids and mother liquors |
| 07 04 10* | Other filter cakes and spent absorbents |
| 07 04 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| 07 05 | wastes from the MFSU of pharmaceuticals |
| 07 05 01* | Aqueous liquids and mother liquors |
| 07 05 07* | halogenated still bottoms and reaction residues |
| 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 dangerous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | Solid wastes containing dangerous substances |
| 07 05 14 | Solid wastes other than those mentioned in 07 05 14 |
| 07 06 | wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics |
| 07 06 01* | Aqueous washing liquids and mother liquors |
| 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 07* | halogenated still bottoms and reaction residues |
| 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 dangerous substances |
| 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 11* | waste paint and varnish containing organic solvents or other dangerous substances |
| 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 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 08 02 | wastes from MFSU of other coatings (including ceramic materials) |
| 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 08 | Aqueous liquid waste containing ink |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 16* | Waste etching solutions |
| 08 04 | wastes from MFSU of adhesives and sealants (including waterproofing 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 |
| 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 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 01 | Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | Coal fly ash |
| 10 01 03 | Fly ash from peat and untreated wood |
| 10 01 04* | Oil fly ash and boiler dust |
| 10 01 05 | Calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | Calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 09* | Sulphuric acid |
| 10 01 13* | Fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | Bottom ash, slag and boiler dust from con-incineration containing dangerous substances |
| 10 01 15 | Bottom ash, slag and boiler dust from con-incineration other than those mentioned in 10 01 14 |
| 10 01 16* | Fly-ash from co-incineration containing dangerous substances |
| 10 01 17 | Fly-ash from co-incineration other than those mentioned in 10 01 16 |
| 10 01 18* | Wastes from gas cleaning containing dangerous substances |
| 10 01 19 | Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 20* | Sludges from on-site effluent treatment containing dangerous substances |
| 10 01 21 | Sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 22* | aqueous sludges from boiler cleansing containing dangerous substances |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |
| 10 01 24 | Sand from fluidised beds |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 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 07* | Solid wastes from gas treatment containing dangerous substances |
| 10 02 08 | Solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 12 | Wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 13* | Sludges and filter cakes from gas treatment containing dangerous substances |
| 10 02 14 | Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | Other sludges and filter cakes |
| 10 03 | wastes from aluminium thermal metallurgy |
| 10 03 05 | waste alumina |
| 10 03 08* | salt slags from secondary production |
| 10 03 09* | black drosses from secondary production |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 19* | Flue-gas dust containing dangerous substances |
| 10 03 20 | Flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 23* | Solid wastes from gas treatment containing dangerous substances |
| 10 03 24 | Solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 25* | Sludges and filter cakes from gas treatment containing dangerous substances. |
| 10 03 26 | Sludges and filter cakes from gas treatment other than those mentioned in 10 02 25 |
| 10 03 28 | Wastes from cooling-water treatment other than those mentioned in 10 02 27 |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing dangerous substances |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| 10 04 | wastes from lead thermal metallurgy |
| 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 10 | Wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 | wastes from zinc thermal metallurgy |
| 10 05 03* | Flue-gas dust |
| 10 05 04 | Other particulates and dust |
| 10 05 05* | Solid wastes from gas treatment |
| 10 05 06* | Sludges and filter cakes from gas treatment |
| 10 05 09 | Wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 03* | Flue-gas dust |
| 10 06 04 | Other particulates and dust |
| 10 06 06* | Solid wastes from gas treatment |
| 10 06 07* | Sludges and filter cakes from gas treatment |
| 10 06 10 | Wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | wastes from silver, gold and platinum thermal metallurgy |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 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 08* | salt slag from primary and secondary production |
| 10 08 09 | other slags |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 15* | Flue-gas dust containing dangerous substances |
| 10 08 16 | Flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 17* | Sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 08 18 | Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 20 | Wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 | wastes from casting of ferrous pieces |
| 10 09 09* | Flue-gas dust containing dangerous substances |
| 10 09 10 | Flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 11* | Other particulates containing dangerous substances |
| 10 09 12 | Other particulates other than those mentioned in 10 09 11 |
| 10 10 | wastes from casting of non-ferrous pieces |
| 10 10 09* | Flue-gas dust containing dangerous substances |
| 10 10 10 | Flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 11* | Other particulates containing dangerous substances |
| 10 10 12 | Other particulates other than those mentioned in 10 10 11 |
| 10 11 | wastes from manufacture of glass and glass products |
| 10 11 05 | Particulates and dust |
| 10 11 15* | Solid wastes from flue-gas treatment containing dangerous substances |
| 10 11 16 | Solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 17* | Sludges and filter cake from flue-gas treatment containing dangerous substances |
| 10 11 18 | Sludges and filter cake from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 19* | Solids from on-site effluent treatment containing dangerous substances |
| 10 11 20 | Solids from on-site effluent treatment other than those mentioned in 07 03 11 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 03 | Particulates and dust |
| 10 12 05 | Sludges and filter cakes from gas treatment |
| 10 12 09* | Solid wastes from gas treatment containing dangerous substances |
| 10 12 10 | Solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 13 | sludge from on-site effluent treatment |
| 10 13 | 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 S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| 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 11 | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 12* | Solid wastes from gas treatment containing dangerous substances |
| 10 13 13 | Solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | Waste concrete and concrete sludge |
| 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, phosphatising, 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 dangerous substances |
| 11 01 10 | Sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | Aqueous rinsing liquids containing dangerous substances |
| 11 01 12 | Aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing dangerous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 02 | wastes from non-ferrous hydrometallurgical processes |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 07* | Other wastes containing dangerous 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 |
| 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 16* | waste blasting material containing dangerous substances |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 03 | wastes from water and steam degreasing processes (except 11) |
| 12 03 01* | Aqueous washing liquids |
| 16 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 03 | off-specification batches and unused products |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 16 03 03* | Inorganic wastes containing dangerous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 03 |
| 16 05 | gases in pressure containers and discarded chemicals |
| 16 05 07* | Discarded inorganic chemicals consisting of or containing dangerous substances |
| 16 05 09 | Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 06 | batteries and accumulators |
| 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 09* | Wastes containing other dangerous substances |
| 16 08 | spent catalysts |
| 16 08 06* | Spent liquids used as catalysts |
| 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 |
| 16 10 | aqueous liquid wastes destined for off-site treatment |
| 16 10 01* | Aqueous liquid wastes containing dangerous substances |
| 16 10 02 | Aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | Aqueous concentrates containing dangerous substances |
| 16 10 04 | Aqueous concentrates other than those mentioned in 16 10 03 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 03* | soil and stones containing dangerous substances |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 05* | dredging spoil containing dangerous substances |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 07* | track ballast containing dangerous substances |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| 17 08 | gypsum-based construction material |
| 17 08 01* | Gypsum-based construction materials contaminated with dangerous substances |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 18 | WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care) |
| 18 01 | wastes from natal care, diagnosis, treatment or prevention of disease in humans |
| 18 01 06* | chemicals consisting of or containing dangerous substances |
| 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 05* | Chemicals consisting of or containing dangerous substances |

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 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 05* | Filter cake from gas treatment |
| 19 01 06* | Aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | Solid wastes from gas treatment |
| 19 01 11* | Bottom ash and slag containing dangerous substances |
| 19 01 12 | Bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 13* | Fly ash containing dangerous substances |
| 19 01 14 | Fly ash other than those mentioned in 19 01 13 |
| 19 01 15* | Boiler dust containing dangerous substances |
| 19 01 16 | Boiler dust other than those mentioned in 19 01 15 |
| 19 01 17* | pyrolysis wastes containing dangerous substances |
| 19 01 18 | pyrolysis wastes other than those mentioned in 19 01 17 |
| 19 01 19 | sands from fluidised beds |
| 19 02 | wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) |
| 19 02 03 | Premixed wastes composed only of non-hazardous wastes |
| 19 02 04* | Premixed wastes composed of at least one hazardous waste |
| 19 02 05* | Sludges from physico/chemical treatment containing dangerous substances |
| 19 02 06 | Sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 11* | Other wastes containing dangerous substances |
| 19 03 | stabilised/solidified wastes¹ |
| 19 03 04* | wastes marked as hazardous, partly stabilised ² |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | wastes marked as hazardous, solidified |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| 19 04 | vitrified waste and wastes from vitrification |
| 19 04 01 | vitrified waste |
| 19 04 02* | fly ash and other flue-gas treatment wastes |
| 19 04 03* | non-vitrified solid phase |
| 19 06 | wastes from anaerobic treatment of waste |
| 19 06 03 | Liquor from anaerobic treatment of municipal waste |
| 19 06 05 | Liquor from anaerobic treatment of animal and vegetable waste |
| 19 07 | landfill leachate |
| 19 07 02* | Landfill leachate containing dangerous substances |
| 19 07 03 | Landfill leachate other than those mentioned in 19 07 02 |

¹ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

² A waste is considered as partly stabilised if, after the stabilisation process, dangerous constituents which have not been changed completely into non-dangerous constituents could be released into the environment in the short, middle or long term

Table S2.4 Permitted waste types and quantities for A3 – Hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 19 11 | wastes from oil regeneration |
| 19 11 03* | Aqueous liquid wastes |
| 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 09 | minerals (for example sand, stones) |
| 19 12 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 19 13 | wastes from soil and groundwater remediation |
| 19 13 01* | solid wastes from soil remediation containing dangerous substances |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 03* | sludges from soil remediation containing dangerous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances |
| 19 13 07* | Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |
| 19 13 08 | Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 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 02 | garden and park wastes (including cemetery waste) |
| 20 02 02 | soil and stones |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| 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 |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 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 07 |
| 01 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 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 |
| 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 |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 02 04 | wastes from sugar processing |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 07 | wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 03 | Wastes from chemical treatment |
| 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 |
| 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 |
| 05 | WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL |
| 05 01 | wastes from petroleum refining |
| 05 01 14 | Wastes 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 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 MSFU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 06 11 | wastes from the manufacture of inorganic pigments and opacifiers |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 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 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 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 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 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 02 | Aqueous sludges containing ceramic materials |
| 08 02 03 | Aqueous suspensions containing ceramic materials |
| 08 03 | wastes from MFSU of printing inks |
| 08 03 08 | Aqueous liquid waste containing ink |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 04 | wastes from MFSU of adhesives and sealants (including waterproofing 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 |
| 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) |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 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 con-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 | Sand from fluidised beds |
| 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 08 | Solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 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 05 | waste alumina |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 20 | Flue-gas dust other than those mentioned in 10 03 19 |
| 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 02 25 |
| 10 03 28 | Wastes from cooling-water treatment other than those mentioned in 10 02 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 04 | Other particulates and dust |
| 10 05 09 | Wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 | wastes from copper thermal metallurgy |
| 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 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 |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 10 08 09 | other slags |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 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 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 10 | wastes from casting of non-ferrous pieces |
| 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 11 | wastes from manufacture of glass and glass products |
| 10 11 05 | Particulates and dust |
| 10 11 16 | Solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 18 | Sludges and filter cake from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 20 | Solids from on-site effluent treatment other than those mentioned in 07 03 11 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 03 | Particulates and dust |
| 10 12 05 | Sludges and filter cakes from gas treatment |
| 10 12 10 | Solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 13 | sludge from on-site effluent treatment |
| 10 13 | 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 |
| 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 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, phosphatising, 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 |
| 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 |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 04 | non-ferrous metal dust and particles |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 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 05 | gases in pressure containers and discarded chemicals |
| 16 05 09 | Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 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 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 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 |
| 17 08 | gypsum-based construction material |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 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 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 |

Table S2.5 Permitted waste types and quantities for A4 – Non-hazardous material washing/recycling process

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|--|
| Waste code | Description |
| 19 03 | stabilised/solidified wastes³ |
| 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 06 | wastes from anaerobic treatment of waste |
| 19 06 03 | Liquor from anaerobic treatment of municipal waste |
| 19 06 05 | Liquor 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 12 | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 09 | minerals (for example sand, stones) |
| 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 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 02 | garden and park wastes (including cemetery waste) |
| 20 02 02 | soil and stones |

³ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

| Table S2.6 Permitted waste types and quantities for A5 – Waste oil processing | |
|--|--|
| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
| Waste code | Description |
| 01 | WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS |
| 01 05 | Drilling muds and other drilling wastes |
| 01 05 04 | Freshwater drilling muds and wastes |
| 01 05 06* | Drilling muds and other drilling wastes containing dangerous substances |
| 01 05 07 | Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | Chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 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 04* | acid alkyl sludges |
| 05 01 05* | Oil spills |
| 05 01 06* | Oily sludges from maintenance operations of the plant or equipment |
| 05 01 08* | Other tars |
| 05 01 12* | Oil containing acids |
| 07 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 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 04* | other organic solvents, washing liquids and mother liquors |
| 08 | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS |
| 08 01 | wastes from MFSU and removal of paint and varnish |
| 08 01 11* | waste paint and varnish containing organic solvents or other dangerous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other dangerous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other dangerous substances |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 04 | wastes from MFSU of adhesives and sealants (including waterproofing products) |
| 08 04 17* | rosin oil |
| 10 | WASTES FROM THERMAL PROCESSES |
| 10 02 | wastes from the iron and steel industry |

Table S2.6 Permitted waste types and quantities for A5 – Waste oil processing

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| 10 03 | wastes from aluminium thermal metallurgy |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 04 | wastes from lead thermal metallurgy |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 | wastes from zinc thermal metallurgy |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | wastes from silver, gold and platinum thermal metallurgy |
| 10 07 07 | wastes from cooling-water treatment containing oil |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 | wastes from other non-ferrous thermal metallurgy |
| 10 08 19* | wastes from cooling-water treatment containing 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, phosphatising, alkaline degreasing, anodising) |
| 11 01 11* | aqueous rinsing liquids containing dangerous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing dangerous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 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 dangerous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 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) |

Table S2.6 Permitted waste types and quantities for A5 – Waste oil processing

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|---|
| Waste code | Description |
| 13 01 | waste hydraulic oils |
| 13 01 05* | non-chlorinated emulsions |
| 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 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 07* | mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | synthetic insulating and heat transmission oils |
| 13 03 09* | readily biodegradable insulating and heat transmission oils |
| 13 03 10* | other insulating and heat transmission oils |
| 13 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 |
| 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 03* | other fuels (including mixtures) |
| 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 02 | absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 02* | absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 | WASTES NOT OTHERWISE SPECIFIED |
| 16 01 | end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 07* | oil filters |
| 16 01 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing dangerous substances |

Table S2.6 Permitted waste types and quantities for A5 – Waste oil processing

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|-------------------------|--|
| Waste code | Description |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 |
| 16 03 | off-specification batches and unused products |
| 16 03 05* | organic wastes containing dangerous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| 16 05 | gases in pressure containers and discarded chemicals |
| 16 05 08* | discarded organic chemicals consisting of or containing dangerous substances |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 07 | wastes from transport tank, storage tank and barrel cleaning (except 05 and 13) |
| 16 07 08* | wastes containing oil |
| 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 03 | premixed wastes composed only of non-hazardous wastes |
| 19 02 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing dangerous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing dangerous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing dangerous substances |
| 19 08 | wastes from waste water treatment plants not otherwise specified |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 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 dangerous substances |
| 19 11 06* | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 19 13 | wastes from soil and groundwater remediation |
| 19 13 03* | sludges from soil remediation containing dangerous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | separately collected fractions (except 15 01) |

Table S2.6 Permitted waste types and quantities for A5 – Waste oil processing

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum |
|------------------|---|
| Waste code | Description |
| 20 01 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|------------------|---|
| 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 04* | acid-generating tailings from processing of sulphide ore |
| 01 03 05* | other tailings containing dangerous substances |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 07* | other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals |
| 01 03 08 | dusty and powdery wastes other than those mentioned in 01 03 07 |
| 01 03 09 | red mud from alumina production other than the wastes mentioned in 01 03 07 |
| 01 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 01 04 07* | wastes containing dangerous substances from physical and chemical processing of non- metalliferous minerals |
| 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 |
| 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 05* | oil-containing drilling muds and wastes |
| 01 05 06* | drilling muds and other drilling wastes containing dangerous substances |
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 02 01 | wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 01 | sludges from washing and cleaning |
| 02 01 02 | animal-tissue waste |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 06 | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 02 01 07 | wastes from forestry |
| 02 01 08* | agrochemical waste containing dangerous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 02 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 03 | materials unsuitable for consumption or processing |
| 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 and cleaning |
| 02 03 02 | animal-tissue waste |
| 02 03 03 | materials unsuitable for consumption or processing |
| 02 03 04 | sludges from on-site effluent treatment |
| 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 01 | materials unsuitable for consumption or processing |
| 02 05 02 | sludges from on-site effluent treatment |
| 02 06 | wastes from the baking and confectionery industry |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 06 03 | sludges from on-site effluent treatment |
| 02 07 | 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 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 03 01 04* | sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 02 | wastes from wood preservation |
| 03 02 01* | non-halogenated organic wood preservatives |
| 03 02 02* | organochlorinated wood preservatives |
| 03 02 03* | organometallic wood preservatives |
| 03 02 04* | inorganic wood preservatives |
| 03 02 05* | other wood preservatives containing dangerous substances |
| 03 03 | 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 02 | liming waste |
| 04 01 03* | degreasing wastes containing solvents without a liquid phase |
| 04 01 04 | tanning liquor containing chromium |
| 04 01 05 | tanning liquor free of chromium |
| 04 01 06 | sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | sludges, in particular from on-site effluent treatment free of chromium |
| 04 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 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | dyestuffs and pigments containing dangerous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |
| 04 02 19* | sludges from on-site effluent treatment containing dangerous substances |
| 04 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 04 02 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| 05 | 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 05* | oil spills |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 05 01 06* | oily sludges from maintenance operations of the plant or equipment |
| 05 01 07* | acid tars |
| 05 01 08* | other tars |
| 05 01 09* | sludges from on-site effluent treatment containing dangerous substances |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| 05 01 13 | boiler feedwater sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 15* | spent filter clays |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 05 01 17 | bitumen |
| 05 06 | wastes from the pyrolytic treatment of coal |
| 05 06 01* | acid tars |
| 05 06 03* | other tars |
| 05 06 04 | waste from cooling columns |
| 05 07 | wastes from natural gas purification and transportation |
| 05 07 01* | wastes containing mercury |
| 05 07 02 | wastes containing sulphur |
| 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 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| 06 04 | 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 |
| 06 05 02* | sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | sludges from on-site effluent treatment other than those mentioned in 06 05 02 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 06 06 | wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes |
| 06 06 02* | wastes containing dangerous sulphides |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 07 | wastes from the MFSU of halogens and halogen chemical processes |
| 06 07 01* | wastes containing asbestos from electrolysis |
| 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 dangerous silicones |
| 06 09 | wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 02 | phosphorous slag |
| 06 09 03* | calcium-based reaction wastes containing or contaminated with dangerous substances |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 | wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture |
| 06 10 02* | wastes containing dangerous substances |
| 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 01* | inorganic plant protection products, wood-preserving agents and other biocides. |
| 06 13 02* | spent activated carbon (except 06 07 02) |
| 06 13 03 | carbon black |
| 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 dangerous substances |
| 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 01* | aqueous washing liquids and mother liquors |
| 07 02 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 02 04* | other organic solvents, washing liquids and mother liquors |
| 07 02 07* | halogenated still bottoms and reaction residues |
| 07 02 08* | other still bottoms and reaction residues |
| 07 02 09* | halogenated filter cakes and spent absorbents |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 07 02 10* | other filter cakes and spent absorbents |
| 07 02 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | waste plastic |
| 07 02 14* | wastes from additives containing dangerous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | wastes containing dangerous silicones |
| 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 01* | aqueous washing liquids and mother liquors |
| 07 03 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | other organic solvents, washing liquids and mother liquors |
| 07 03 07* | halogenated still bottoms and reaction residues |
| 07 03 08* | other still bottoms and reaction residues |
| 07 03 09* | halogenated filter cakes and spent absorbents |
| 07 03 10* | other filter cakes and spent absorbents |
| 07 03 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 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 01* | aqueous washing liquids and mother liquors |
| 07 04 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 04 04* | other organic solvents, washing liquids and mother liquors |
| 07 04 07* | halogenated still bottoms and reaction residues |
| 07 04 08* | other still bottoms and reaction residues |
| 07 04 09* | halogenated filter cakes and spent absorbents |
| 07 04 10* | other filter cakes and spent absorbents |
| 07 04 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| 07 04 13* | solid wastes containing dangerous substances |
| 07 05 | wastes from the MFSU of pharmaceuticals |
| 07 05 01* | aqueous washing 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 dangerous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | solid wastes containing dangerous substances |
| 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 01* | aqueous washing liquids and mother liquors |
| 07 06 03* | organic halogenated solvents, washing liquids and mother liquors |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 07 06 04* | other organic solvents, washing liquids and mother liquors |
| 07 06 07* | halogenated still bottoms and reaction residues |
| 07 06 08* | other still bottoms and reaction residues |
| 07 06 09* | halogenated filter cakes and spent absorbents |
| 07 06 10* | other filter cakes and spent absorbents |
| 07 06 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 06 12 | sludges from on-site effluent treatment other than those mentioned in 07 06 11 |
| 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 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 dangerous substances |
| 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 11* | waste paint and varnish containing organic solvents or other dangerous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other dangerous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other dangerous substances |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 01 21* | waste paint or varnish remover |
| 08 02 | 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 12* | waste ink containing dangerous substances |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | ink sludges containing dangerous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing dangerous substances |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | disperse oil |
| 08 04 | wastes from MFSU of adhesives and sealants (including waterproofing products) |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other dangerous substances |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other dangerous substances |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 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 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 11* | single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03 |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 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 01 | bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | coal fly ash |
| 10 01 03 | fly ash from peat and untreated wood |
| 10 01 04* | oil fly ash and boiler dust |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 10 01 05 | calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 09* | sulphuric acid |
| 10 01 13* | fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | bottom ash, slag and boiler dust from co-incineration containing dangerous substances |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 16* | fly ash from co-incineration containing dangerous substances |
| 10 01 17 | fly ash from co-incineration other than those mentioned in 10 01 16 |
| 10 01 18* | wastes from gas cleaning containing dangerous substances |
| 10 01 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 20* | sludges from on-site effluent treatment containing dangerous substances |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 22* | aqueous sludges from boiler cleansing containing dangerous substances |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |
| 10 01 24 | sands from fluidised beds |
| 10 01 25 | wastes from fuel storage and preparation of coal-fired power plants |
| 10 01 26 | wastes from cooling-water treatment |
| 10 02 | wastes from the iron and steel industry |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 07* | solid wastes from gas treatment containing dangerous substances |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | mill scales |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 13* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other sludges and filter cakes |
| 10 03 | wastes from aluminium thermal metallurgy |
| 10 03 02 | anode scraps |
| 10 03 04* | primary production slags |
| 10 03 05 | waste alumina |
| 10 03 08* | salt slags from secondary production |
| 10 03 09* | black drosses from secondary production |
| 10 03 15* | skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 17* | tar-containing wastes from anode manufacture |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 19* | flue-gas dust containing dangerous substances |
| 10 03 20 | flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 21* | other particulates and dust (including ball-mill dust) containing dangerous substances |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 10 03 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 23* | solid wastes from gas treatment containing dangerous substances |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 25* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing dangerous substances |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| 10 04 | 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 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 03* | flue-gas dust |
| 10 05 04 | other particulates and dust |
| 10 05 05* | solid waste from gas treatment |
| 10 05 06* | sludges and filter cakes from gas treatment |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 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 03* | flue-gas dust |
| 10 06 04 | other particulates and dust |
| 10 06 06* | solid wastes from gas treatment |
| 10 06 07* | sludges and filter cakes from gas treatment |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | 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 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 10 07 05 | sludges and filter cakes from gas treatment |
| 10 07 07* | wastes from cooling-water treatment containing oil |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 | wastes from other non-ferrous thermal metallurgy |
| 10 08 04 | particulates and dust |
| 10 08 08* | salt slag from primary and secondary production |
| 10 08 09 | other slags |
| 10 08 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 12* | tar-containing wastes from anode manufacture |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | anode scrap |
| 10 08 15* | flue-gas dust containing dangerous substances |
| 10 08 16 | flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 08 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 | wastes from casting of ferrous pieces |
| 10 09 03 | furnace slag |
| 10 09 05* | casting cores and moulds which have not undergone pouring containing dangerous substances |
| 10 09 06 | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 07* | casting cores and moulds which have undergone pouring containing dangerous substances |
| 10 09 08 | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 09* | flue-gas dust containing dangerous substances |
| 10 09 10 | flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 11* | other particulates containing dangerous substances |
| 10 09 12 | other particulates other than those mentioned in 10 09 11 |
| 10 09 13* | waste binders containing dangerous substances |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 15* | waste crack-indicating agent containing dangerous substances |
| 10 09 16 | waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 | wastes from casting of non-ferrous pieces |
| 10 10 03 | furnace slag |
| 10 10 05* | casting cores and moulds which have not undergone pouring, containing dangerous substances |
| 10 10 06 | casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 07* | casting cores and moulds which have undergone pouring, containing dangerous substances |
| 10 10 08 | casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 09* | flue-gas dust containing dangerous substances |
| 10 10 10 | flue-gas dust other than those mentioned in 10 10 09 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 10 10 11* | other particulates containing dangerous substances |
| 10 10 12 | other particulates other than those mentioned in 10 10 11 |
| 10 10 13* | waste binders containing dangerous substances |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 15* | waste crack-indicating agent containing dangerous substances |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 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 09* | waste preparation mixture before thermal processing, containing dangerous substances |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 11* | waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |
| 10 11 13* | glass-polishing and -grinding sludge containing dangerous substances |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 15* | solid wastes from flue-gas treatment containing dangerous substances |
| 10 11 16 | solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 19* | solid wastes from on-site effluent treatment containing dangerous substances |
| 10 11 20 | solid wastes from on-site effluent treatment other than those mentioned in 10 11 19 |
| 10 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 09* | solid wastes from gas treatment containing dangerous substances |
| 10 12 10 | solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 11* | wastes from glazing containing heavy metals |
| 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 |
| 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 09* | wastes from asbestos-cement manufacture containing asbestos |
| 10 13 10 | wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 12* | solid wastes from gas treatment containing dangerous substances |
| 10 13 13 | solid wastes from gas treatment other than those mentioned in 10 13 12 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 10 13 14 | waste concrete and concrete sludge |
| 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, phosphatising, 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 dangerous substances |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | aqueous rinsing liquids containing dangerous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing dangerous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing dangerous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 01 98* | other wastes containing dangerous substances |
| 11 02 | wastes from non-ferrous hydrometallurgical processes |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | wastes from copper hydrometallurgical processes containing dangerous substances |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | other wastes containing dangerous 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 01 | hard zinc |
| 11 05 02 | zinc ash |
| 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 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 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) |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 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 13 | welding wastes |
| 12 01 14* | machining sludges containing dangerous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 16* | waste blasting material containing dangerous substances |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing dangerous substances |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| 12 03 | 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 ⁴ |
| 13 01 04* | |
| 13 01 05* | non-chlorinated emulsions |
| 13 01 09* | |
| 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 and heat transmission oils other than those mentioned in 13 03 01 |
| 13 03 07* | mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | synthetic insulating and heat transmission oils |
| 13 03 09* | readily biodegradable insulating and heat transmission oils |
| 13 03 10* | other insulating and heat transmission oils |
| 13 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 |

⁴ For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 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 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 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 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 01 10* | packaging containing residues of or contaminated by dangerous substances |
| 15 01 11* | metallic packaging containing a dangerous 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 dangerous substances |
| 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 04* | end-of-life vehicles |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 07* | oil filters |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 16 01 08* | components containing mercury |
| 16 01 09* | components containing PCBs |
| 16 01 10* | explosive components (for example air bags) |
| 16 01 11* | brake pads containing asbestos |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |
| 16 01 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing dangerous substances |
| 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 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 01 22 | components not otherwise specified |
| 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 hazardous components ⁵ other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | hazardous components removed from discarded equipment |
| 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 03* | inorganic wastes containing dangerous substances |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | organic wastes containing dangerous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| 16 04 | waste explosives |
| 16 04 01* | waste ammunition |
| 16 04 02* | fireworks wastes |
| 16 04 03* | other waste explosives |
| 16 05 | gases in pressure containers and discarded chemicals |
| 16 05 04* | gases in pressure containers (including halons) containing dangerous substances |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |
| 16 05 06* | laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals |
| 16 05 07* | discarded inorganic chemicals consisting of or containing dangerous substances |
| 16 05 08* | discarded organic chemicals consisting of or containing dangerous substances |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |

⁵ Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 16 06 | batteries and accumulators |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 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 dangerous substances |
| 16 08 | spent catalysts |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 02* | spent catalysts containing dangerous transition metals ⁶ or dangerous transition metal compounds |
| 16 08 03 | spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with dangerous 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 |
| 16 10 | aqueous liquid wastes destined for off-site treatment |
| 16 10 01* | aqueous liquid wastes containing dangerous substances |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | aqueous concentrates containing dangerous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |
| 16 11 | waste linings and refractories |
| 16 11 01* | carbon-based linings and refractories from metallurgical processes containing dangerous substances |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 03* | other linings and refractories from metallurgical processes containing dangerous substances |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 05* | linings and refractories from non-metallurgical processes containing dangerous substances |
| 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 |

⁶ For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 17 01 01 | concrete |
| 17 01 02 | bricks |
| 17 01 03 | tiles and ceramics |
| 17 01 06* | mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances |
| 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 02 04* | glass, plastic and wood containing or contaminated with dangerous substances |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 03 03* | coal tar and tarred products |
| 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 09* | metal waste contaminated with dangerous substances |
| 17 04 10* | cables containing oil, coal tar and other dangerous substances |
| 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 03* | soil and stones containing dangerous substances |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 05* | dredging spoil containing dangerous substances |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 07* | track ballast containing dangerous substances |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| 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 dangerous substances |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 06 05* | construction materials containing asbestos ⁷ |
| 17 08 | gypsum-based construction material |
| 17 08 01* | gypsum-based construction materials contaminated with dangerous substances |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |

⁷ As far as the landfilling of waste is concerned, Member States may decide to postpone the entry into force of this entry until the establishment of appropriate measures for the treatment and disposal of waste from construction material containing asbestos. These measures are to be established according to the procedure referred to in Article 17 of Council Directive 1999/31/EC on the landfill of waste (OJ L 182,16.7.1999,p.1) and shall be adopted by 16 July 2002 at the latest.

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 17 09 | other construction and demolition wastes |
| 17 09 01* | construction and demolition wastes containing mercury |
| 17 09 02* | construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors) |
| 17 09 03* | other construction and demolition wastes (including mixed wastes) containing dangerous substances |
| 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 01 | sharps (except 18 01 03) |
| 18 01 04 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers) |
| 18 01 06* | chemicals consisting of or containing dangerous substances |
| 18 01 07 | chemicals other than those mentioned in 18 01 06 |
| 18 01 08* | cytotoxic and cytostatic medicines |
| 18 01 09 | medicines other than those mentioned in 18 01 08 |
| 18 01 10* | amalgam waste from dental care |
| 18 02 | wastes from research, diagnosis, treatment or prevention of disease involving animals |
| 18 02 01 | sharps (except 18 02 02) |
| 18 02 02* | wastes whose collection and disposal is subject to special requirements in order to prevent infection |
| 18 02 03 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection |
| 18 02 05* | chemicals consisting of or containing dangerous substances |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 07* | cytotoxic and cytostatic medicines |
| 18 02 08 | medicines other than those mentioned in 18 02 07 |
| 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 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 dangerous substances |
| 19 01 12 | bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 13* | fly ash containing dangerous substances |
| 19 01 14 | fly ash other than those mentioned in 19 01 13 |
| 19 01 15* | boiler dust containing dangerous substances |
| 19 01 16 | boiler dust other than those mentioned in 19 01 15 |
| 19 01 17* | pyrolysis wastes containing dangerous substances |
| 19 01 18 | pyrolysis wastes other than those mentioned in 19 01 17 |
| 19 01 19 | sands from fluidised beds |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|------------------|---|
| Waste code | Description |
| 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 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing dangerous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing dangerous substances |
| 19 02 09* | solid combustible wastes containing dangerous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing dangerous substances |
| 19 03 | stabilised/solidified wastes⁸ |
| 19 03 04* | wastes marked as hazardous, partly stabilised ⁹ |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | wastes marked as hazardous, solidified |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| 19 04 | vitrified waste and wastes from vitrification |
| 19 04 01 | vitrified waste |
| 19 04 02* | fly ash and other flue-gas treatment wastes |
| 19 04 03* | non-vitrified solid phase |
| 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 |
| 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 02* | landfill leachate containing dangerous substances |
| 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 06* | saturated or spent ion exchange resins |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 19 08 08* | membrane system waste containing heavy metals |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |

⁸ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

⁹ A waste is considered as partly stabilised if, after the stabilisation process, dangerous constituents which have not been changed completely into non-dangerous constituents could be released into the environment in the short, middle or long term.

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|---|
| Waste code | Description |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing dangerous substances from biological treatment of industrial waste water |
| 19 08 12 | sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 |
| 19 08 13* | sludges containing dangerous substances from other treatment of industrial waste water |
| 19 08 14 | sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 |
| 19 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 03* | fluff-light fraction and dust containing dangerous substances |
| 19 10 04 | fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 05* | other fractions containing dangerous substances |
| 19 10 06 | other fractions other than those mentioned in 19 10 05 |
| 19 11 | 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 dangerous substances |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 19 11 07* | wastes from flue-gas cleaning |
| 19 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 |
| 19 12 06* | wood containing dangerous substances |
| 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 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 19 13 | wastes from soil and groundwater remediation |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
|-------------------------|--|
| Waste code | Description |
| 19 13 01* | solid wastes from soil remediation containing dangerous substances |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 03* | sludges from soil remediation containing dangerous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 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 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 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing dangerous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 31* | cytotoxic and cytostatic medicines |
| 20 01 32 | medicines other than those mentioned in 20 01 31 |
| 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 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 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 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | wood containing dangerous substances |
| 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 |

Table S2.7 Permitted waste types and quantities for A6 – Waste transfer station

| | |
|-------------------------|---|
| Maximum quantity | For all activities A1 – A6: No more than 74,999 tonnes of waste shall be accepted per annum. |
| Waste code | Description |
| 20 02 03 | other non-biodegradable wastes |
| 20 03 | other municipal wastes |
| 20 03 01 | mixed municipal waste |
| 20 03 02 | waste from markets |
| 20 03 03 | street-cleaning residues |
| 20 03 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |

Schedule 3(a) – Emissions and monitoring effective until 16 August 2022

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|--|---|-----------|------------------------|------------------|----------------------|-------------------------------|
| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| A1 | Reverse jet filter on powder storage silo | None set | None set | None set | None set | None set |

| Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements | | | | | | |
|--|--------|-----------|------------------------|------------------|----------------------|-------------------------------|
| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| There are no emission limits or associated monitoring requirements | | | | | | |

| Table S3.3 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 (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| S1 Discharge of trade effluent to Welsh Water Sewer | Effluent Treatment Plant | Effluent Flow m ³ /day | No limit set | 24-hour flow proportional sample | Daily | BS EN 135006 |
| | | Zinc, as Zn mg/l | No limit set | Daily average from composite sample taken over 24-hours | Monthly | BS 6068-2.29:1987, ISO 8288-1986 |

Table S3.3 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 (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|-----------------------------------|--------|-------------------------|------------------------|--|-------------------------|--|
| | | Copper, as Cu mg/l | No limit set | Daily average from composite sample taken over 24-hours | Monthly | BS 6068- 2.29:1987, ISO 8288- 1986 |
| | | Lead, as Pb mg/l | No limit set | Daily average from composite sample taken over 24-hours | Monthly | BS 6068- 2.29:1987, ISO 8288- 1986 |
| | | Chromium, as Cr mg/l | No limit set | Daily average from composite sample taken over 24-hours | Monthly | BS EN 1233:1997, BS 6068- 2.38:1997 |
| | | Nickel, as Ni mg/l | No limit set | Daily average from composite sample taken over 24-hours | Monthly | BS 6068- 2.29:1987 ISO 8288- 1986 |

Schedule 3(b) – Emissions and monitoring effective from 17 August 2022

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--------------------------------|---|-----------|------------------------|------------------|----------------------|-------------------------------|
| A1 | Reverse jet filter on powder storage silo | None set | None set | None set | None set | None set |

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--|--------|-----------|------------------------|------------------|----------------------|-------------------------------|
| There are no emission limits or associated monitoring requirements | | | | | | |

Table S3.3 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 (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|--------------------------|--|------------------------|------------------|-------------------------------|-------------------------------|
| S1 Discharge of trade effluent to sewer | Effluent Treatment Plant | Flow Rate | No limit set | None set | None set | No EN standard available |
| | | Adsorbable Organically Bound Halogens (AOX) ¹ | 1 mg/l | | Once every day ² | EN ISO 9562 |
| | | Benzene, Toluene, Ethylbenzene, Xylene (BTEX) ¹ | No limit set | | Once every month ² | EN ISO 15680 |

| Table S3.3 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 (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| | | Free Cyanide (CN ⁻) ¹ | 0.1 mg/l | | Once every day ² | Various EN standards available (i.e. EN ISO 14403-1 and -2) |
| | | Hydrocarbon Oil Index (HOI) ¹ | 10 mg/l | | | EN ISO 9377-2 |
| | | Arsenic (As) ¹ | 0.1 mg/l | | | Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586) |
| | | Cadmium (Cd) ¹ | 0.1 mg/l | | | |
| | | Chromium (Cr) ¹ | 0.3 mg/l | | | |
| | | Copper (Cu) ¹ | 0.5 mg/l | | | |
| | | Nickel (Ni) ¹ | 1 mg/l | | | |
| | | Lead (Pb) ¹ | 0.3 mg/l | | | |
| | | Zinc (Zn) ¹ | 2 mg/l | | | |
| | | Manganese (Mn) ¹ | No limit set | | | |
| | | Hexavalent Chromium (Cr(VI)) ¹ | 0.01 mg/l | | | Various EN standards available (i.e. EN ISO 10304-3, EN ISO 23913) |
| | | Mercury (Hg) ¹ | 10 µg/l | | | Various EN standards available (i.e. EN ISO 17852, EN ISO 12846) |
| | | PFOA ¹ | No limit set | | Once every six months | No EN standard available |
| | | PFOS ¹ | No limit set | | | |

¹ Monitoring only applies when the substance concerned is identified as relevant in the waste water inventory (as per IC5).

² In the case of an indirect discharge to a receiving water body, the BAT-AELs may not apply if the downstream waste water treatment plant abates the pollutants concerned, provided this does not lead to a higher level of pollution in the environment.

Schedule 4 (a) – Reporting until 16 August 2022

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 sewer Parameters as required by condition 3.5.1 | S1 | Every 3 months | 10/13, 01/14, 04/14, 07/14 |

Table S4.2: Annual production/treatment

| Parameter | Units |
|-------------------------------|--------|
| Total amount of waste treated | tonnes |

Table S4.3 Performance parameters

| Parameter | Frequency of assessment | Units |
|-------------------------------|-------------------------|--------|
| Water usage | Annually | tonnes |
| Energy usage | Annually | MWh |
| Total raw material used | Annually | tonnes |
| Waste disposal and/or recover | Every 3 months | tonnes |

Table S4.4 Reporting forms

| Media/parameter | Reporting format | Date of form |
|------------------------------|--|--------------|
| Sewer | Form sewer 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Water usage | Form water usage 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Energy usage | Form energy 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Waste Return Reporting Form | Welsh Reporting form WMS1 | 15/08/13 |

Schedule 4 (b) – Reporting effective from 17 August 2022

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 sewer Parameters as required by condition 3.5.1 | S1 | Every 6 months | 1 January, 1 July |
| Emissions to air Parameters as required by condition 3.5.1. | A1 | Every 12 months | 1 January |

| Table S4.2: Annual production/treatment | |
|--|--------------|
| Parameter | Units |
| Total amount of waste treated | tonnes |

| Table S4.3 Performance parameters | | |
|--|--------------------------------|----------------|
| Parameter | Frequency of assessment | Units |
| Water usage | Annually | tonnes |
| Energy usage | Annually | MWh |
| Generation of residues | Annually | tonnes |
| Generation of waste water | Annually | m ³ |
| Total raw material used | Annually | tonnes |

| Table S4.4 Reporting forms | | |
|-----------------------------------|--|---------------------|
| Media/parameter | Reporting format | Date of form |
| Air | Form air 1 or other form as agreed in writing by Natural Resources Wales | 17/08/22 |
| Sewer | Form sewer 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Water usage | Form water usage 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Energy usage | Form energy 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by Natural Resources Wales | 15/08/13 |
| Waste Subject to Conditions 4.2.5 | Waste tonnage return form from the Natural Resources Wales website or other form as agreed in writing by Natural Resources Wales | N/A |

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment | |
| 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 permit condition | |
| To be notified within 24 hours of detection | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |
| Measures taken, or intended to be taken, to stop the emission | |

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

| | |
|---|--|
| (c) In the event 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: | |
| 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 Natural Resources Wales 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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.
- *“best available treatment, recovery and recycling techniques”* shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled “Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE).
- *“bioaerosol threshold limits”* means the maximum acceptable bioaerosol concentrations at the nearest sensitive receptor, or at an equivalent distance downwind of the composting operations, which are attributable to the composting operations. The maximum acceptable concentrations are respectively 1000 and 500 CFU m⁻³ for total bacteria and *Aspergillus fumigatus*.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“disposal” or *“D”* 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 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.

“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 or background concentration limit.

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

“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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“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.

"recovery" or *"R"* 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.

"residue" means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant

"Solvent Emissions Directive" means Directive 1999/13/EC (as amended by Directive 2004/42/EC) on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.

"Waste code" means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the 'List of Wastes Decision') 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.

"Waste Treatment BAT Conclusions" means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018

"year" means calendar year ending 31 December.

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

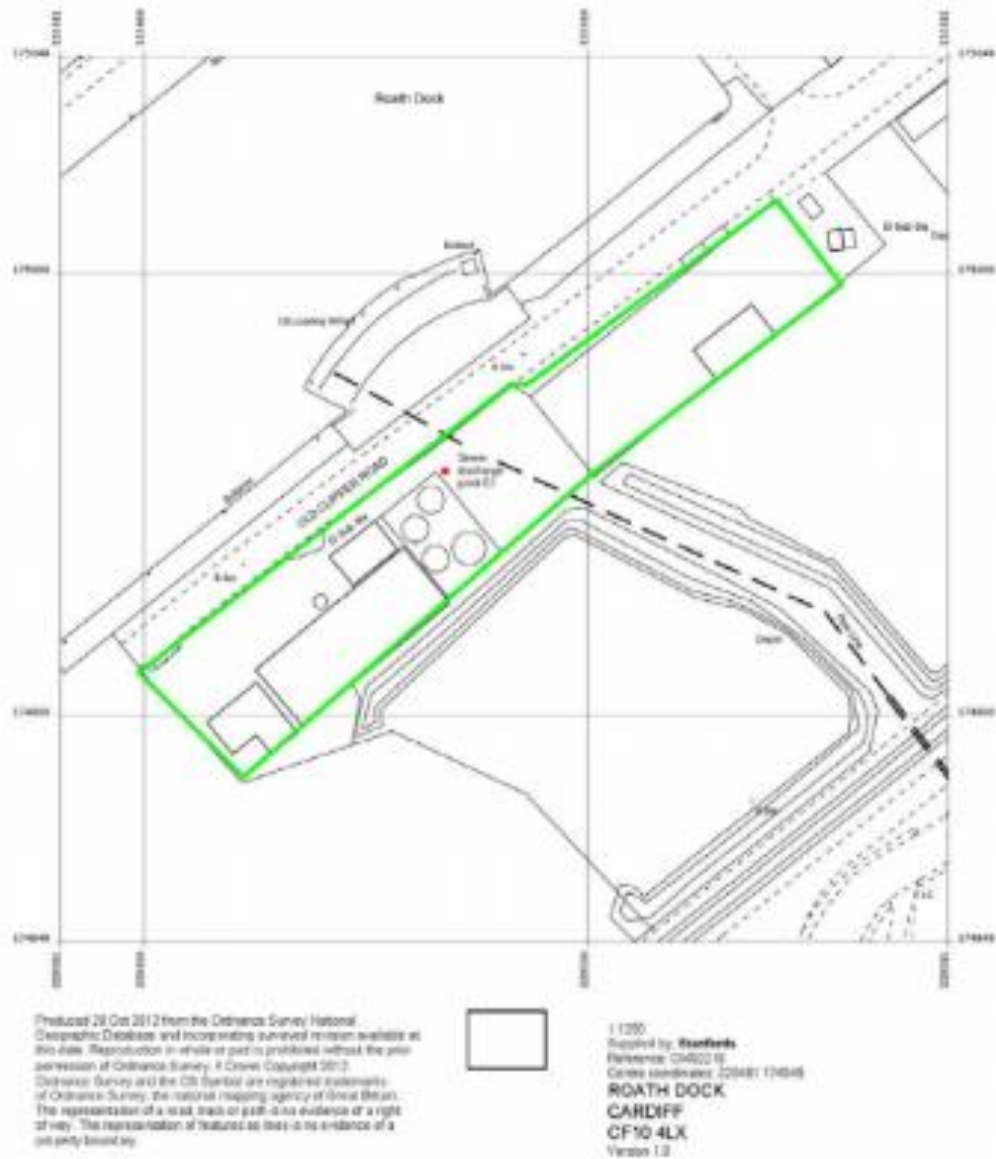
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

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

Schedule 7 - Site plan

Castle Waste Services Ltd

Cardiff



LP3439HM
Variation

OS Site location plan
Doc Ref AP7.1
Supporting document for
Question 6 of Appendix 5 of Part
C3 to Application documents

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END OF PERMIT

Permit Number: LP3439HM

Operator: Castle Waste Services Limited

Facility: Roath Dock Treatment & Recycling Centre

Form Number: Air1 / 17/08/2022

Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

| Emission Point | Substance / Parameter | Emission Limit Value | Reference Period | Result ^[1] | Test Method ^[2] | Sample Date and Times ^[3] | Uncertainty ^[4] |
|----------------|-----------------------|----------------------|------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
| A1 | Dust | 5 mg/Nm ³ | None set | | EN 13284-1 | | |
| A1 | TVOC | No limit set | None set | | EN 12619 | | |
| A1 | NH3 | No limit set | None set | | No EN standard available | | |

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....