# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

Castle Waste Services Limited

Ilkeston Waste Treatment and Transfer Facility
Crompton Road
Ilkeston
Derbyshire
DE7 4BG

### Variation application number

EPR/AP3337SJ/V008

### Permit number

EPR/AP3337SJ

# Ilkeston Waste Treatment and Transfer Facility
# Permit number EPR/AP3337SJ

## Introductory note

### This introductory note does not form a part of the notice

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

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

The installation is a facility for treatment of both hazardous and non-hazardous wastes including waste transfer operations.

The installation facility is located in the town of Ilkeston, Derbyshire. The site lies approximately 2km south east of the centre of Ilkeston in a small industrial estate on Crompton Road. The permitted area is about 1.1 ha and is located on the eastern side of Crompton Road, although the operator also has facilities including the main site laboratory and weighbridge on the western side of the road. The site is bordered to the north by a plant hire yard and an indoor rifle range. Along the north east of the site is a timber yard. To the east of the site is a transfer/treatment site and scrap metal yard and to the south of the site are more industrial units, including an incinerator bottom ash treatment plant.

There are no SSSIs, habitats, European or any other designated sites within the screening distance for nature conservation sites. Approximately 300 metres to the north east of the site is a local nature reserve. The site does not discharge to any local watercourses.

The majority of the site surface water is collected in sealed sumps, which requires pumping. The surface water is pumped from the sumps into a sealed drainage system, which is passed through a four-stage interceptor prior to storage in above ground tanks. The surface water is analysed for contamination prior to being passed through a carbon filter before discharge to foul sewer. However the discharge option is rarely used with the majority of surface water being used during site operation.

This variation allows:

- The addition of two new physico-chemical treatment process (AR21 and AR22), that basically involves acid neutralisation with volatile organic carbon capture and removal, requiring the installation of new equipment including a mixer, storage tanks, a dedicated thermal oxidiser abatement system with 20m stack and an additional emission point.
- Changes to the site infrastructure including replacement bulk storage tanks and civils work – infrastructure changes and renewal.

The schedules specify the changes made to the permit.

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

| **Status log of the permit** | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application AP3337SJ<br>(EPR ref. - EPR/AP3337SJ/A001) | Duly made<br>26/08/05 | |
| Additional information received | 31/10/05 | |

| Status log of the permit | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Additional information received | 23/12/05 | |
| Additional information received | 06/02/06 | |
| Additional information received | 09/05/06 | |
| Permit determined AP3337SJ<br>(EPR ref. – EPR/AP3337SJ) | 29/06/06 | Original permit issued to Castle Waste Services Limited. |
| Application ZP3935UT<br>(EPR ref. – EPR/AP3337SJ/V002) | Duly Made 27/02/07 | Application to vary the permit. |
| Variation determined ZP3935UT<br>(EPR ref. - EPR/AP3337SJ) | 25/06/07 | Varied permit issued. |
| Application EPR/AP3337SJ/V003 | Duly made 27/07/11 | Application to vary the permit. |
| Variation determined EPR/AP3337SJ | 04/10/11 | Varied permit issued. |
| Application EPR/AP3337SJ/V004 | 31/07/12 | Inclusion of 'R' codes into table S1.1 of the permit that will allow the Operator to send waste for recovery as well as disposal. |
| Variation determined EPR/AP3337SJ | 25/09/12 | Varied permit issued. |
| Application EPR/AP3337SJ/V005 | Duly made 03/07/13 | Application to add EWC codes to Table S3.2. |
| Variation determined EPR/AP3337SJ | 09/07/13 | Varied permit issued. |
| Agency variation determined EPR/AP3337SJ/V006 | 29/04/14 | Agency variation to implement the changes introduced by IED. |
| Application EPR/AP3337SJ/V007 (variation and consolidation) | Duly made 08/11/18 | Application to vary and update the permit to modern conditions, to remove decommissioned activities, to amend waste throughput limits and to add de-packaging as a listed activity to the permit. |
| Response to the Schedule 5 Notice dated 30/01/2019 | 07/03/19 | Submission including further information on water usage, design specification of the plant, waste acceptance, incompatible wastes, separation of non-hazardous and hazardous wastes, waste types, annual throughputs, waste water treatment and storage, secondary containment and updated Fire Prevention Plan. |
| Response to the Schedule 5 Notice dated 20/03/2019 | 03/04/19 | Submission including non-conformance procedures, further information on combustible wastes and updated Fire Prevention Plan. |
| Variation determined EPR/AP3337SJ<br>(Billing ref. NP3237VC) | 04/07/19 | Varied permit issued. |

| Status log of the permit | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application EPR/AP3337SJ/V008 | Duly Made 13/10/20 | Application to vary the permit to add 2 new activities and infrastructure changes including installation of a stack. |
| Additional information received | 11/09/20 | Revised documents:<br>Method statement for the HATP, Appendix C of the application pack(Ref - 2.1.2.4.1 rev 3)<br>site plan, Appendix F of the application pack (Ref - CE-009 rev 11). |
| Additional information received | 23/10/20 | Revised documents:<br>Appendix C - 2.1.2.4.1 - Method Statement High Acidity TP rev. 2.1<br>Appendix D - Document AP3337SJ.008.NBS-001 - Details of new bulk storage A6.P9.P10 rev. 1.<br>Appendix F - CE-009 Rev13<br>Appendix K - 2.1.1.3 - Ilkeston Accident Prevention Plan Rev 1.1<br>Appendix O - CE-055 Rev 5 |
| Correction received | 26/10/20 | Appendix C rev 3 is the correct document not rev 2.1 |
| Additional information received | 03/11/20 | Revised documents:<br>Accident prevention plan rev 1.2<br>Appendix F rev 13a (plan) storage and process areas<br>Details of bulk storage rev 2 |
| Additional information received | 04/11/20 | Addendum to air modelling documents |
| Variation determined EPR/AP3337SJ<br>(Billing ref (EP3808BA) | 02/02/21 | Varied permit issued |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

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

### Permit number

**EPR/AP3337SJ**

### Issued to

**Castle Waste Services Limited** ("the operator")

whose registered office is

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

company registration number 01359619

to operate a regulated facility at

**Ilkeston Waste Treatment and Transfer Facility**
**Crompton Road**
**Ilkeston**
**Derbyshire**
**DE7 4BG**

to the extent set out in the schedules.

The notice shall take effect from 02/02/2021.

| Name | Date |
|---|---|
| **David Griffiths** | **02/02/2021** |

Authorised on behalf of the Environment Agency

## Schedule 1

The following conditions and tables were varied as a result of the application made by the operator:

Conditions 1.2, 1.3 and 2.1.2 have been amended to include activity references for new activities.

Condition 2.3.4(a) has been amended to include table S2.9.

Condition 3.5.1 and 3.5.4 have been amended to include table S3.3

Table S1.1, as referenced in condition 2.1.1, has been amended to include new activities listed as AR 21, AR22 and AR28, to update the numbers for other activities, to update all vessel references and to reflect the changes shown on the revised site plan reference CE/009 issues 13a.

Table S1.2, as referenced in condition 2.3.1, has been amended to add additional and updated documents.

Table S1.4 as referenced in condition 2.5.1 has been amended to add pre-operational conditions PO1 and PO2.

Tables S2.2 to S2.8 have had the activity references updated to match Table S1.1

Table S2.9, as referenced in condition 2.3.4, has been added to specify waste types and quantity for new activities.

Table S3.1, as referenced in condition 3.1.1, has been amended to add new point source emission to air for the new abatement plant and stack.

Table S3.3, as referenced in condition 3.5.1, has been added to specify process monitoring requirements.

Table S4.1, as referenced in condition 4.2.3, emission points 21 and 84 added, F1 and sump removed.

Table S4.4, as referenced in condition 4.2.3, emission points updated.

The following conditions and tables were amended as a result of the Environment Agency consolidation:

IP15 Table S1.3, as referenced in conditions 2.5.1, amended to show partial completion. Revised timescales for implementation of improvements still awaited together with completion of the improvements.

Table S3.1, as referenced in condition 3.1.1, has been amended to correct entry in the monitoring standard or method column for the carbon filter vent (21).

The following conditions and tables were deleted as a result of the Environment Agency consolidation:

Item 1 in Table S1.4, as referenced in conditions 2.5.1 in variation AP3337SJ/V007 has been removed as the required actions have been completed – construction of a fire wall to meet FPP requirements.

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/AP3337SJ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3337SJ/V008 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 and waste operations at

**Ilkeston Waste Treatment and Transfer Facility**
**Crompton Road**
**Ilkeston**
**Derbyshire**
**DE7 4BG**

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

| Name | Date |
|---|---|
| **David Griffiths** | **02/02/2021** |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR28, the operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR28, the operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

# 2 Operations

## 2.1 Permitted activities

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

2.1.2 For the following activities referenced in schedule 1, table S1.1 AR1 to AR28, 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 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3, S2.4, S2.5, S2.6, S2.7, S2.8 and S2.9; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

### Hazardous waste storage and treatment

2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

## 2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

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

## 2.5 Pre-operational conditions

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

# 3 Emissions and monitoring

## 3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 Where a substance is specified in schedule 3 table S3.2 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.

3.1.4 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## 3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## 3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used

appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.4 Noise and vibration

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

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.5 Monitoring

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

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

(b) process monitoring specified in table 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 the Environment Agency.

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 S3.3 unless otherwise agreed in writing by the Environment Agency.

## 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.

## 3.7 Fire prevention

3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

# 4 Information

## 4.1 Records

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

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

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

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production /treatment data set out in schedule 4 table S4.2; and

(c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report

assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 In the event:

(a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 (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 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

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

## 4.4 Interpretation

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

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

# Schedule 1 – Operations

| Table S1.1 activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR1 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – aqueous waste treatment (D9, R3, R5) | Treatment of wastes, in reactors and tanks F4, RVI, A1, A2, A3, A4, A5, A6, A7, A8 (located respectively at the areas marked 37, 26, 67, 68, 32, 87, 35, 34, 23, 9 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR2 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – aqueous waste treatment (D9) | Treatment of wastes, in reactors and tanks F4, RVI, A1, A2, A3, A4, A5, A6, A7, A8 (located respectively at the areas marked 37, 26, 67, 68, 32, 87, 35, 34, 23, 9 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR3 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – acid neutralisation (D9, R3, R5) | Treatment of wastes, in reactors and tanks F3,<br>RVI, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12 (located respectively at the areas marked 36, 26, 67, 68, 32, 87, 35, 34, 23, 9, 39, 42, 47, 33 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR4 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – acid neutralisation (D9) | Treatment of wastes, in reactors and tanks<br>F3, RVI, A1, A2, A3, A4, A5, A7, A8, A9, A10, A11, A12(located respectively at the areas marked 36, 26, 67, 68, 32, 87, 35, 34, 23, 9, 39, 42, 47, 33 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR5 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – dissolver process (D9, R3, R5) | Treatment in dissolvers and transfer for further treatment on site.<br>Waste types to be as specified in Schedule 2 table S2.3. |
| AR6 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – dissolver process (D9) | Treatment in dissolvers and transfer for further treatment on site.<br>Waste types to be as specified in Schedule 2 table S2.3. |
| AR7 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – ash conditioning (D9, R5). | Treatment in conditioning plant and storage of treated residues in bunkers.<br>Waste types to be as specified in Schedule 2 table S2.4. |
| AR8 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – ash | Treatment in conditioning plant and storage of treated residues in bunkers. |

| 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** |
| | | conditioning (D9) | Waste types to be as specified in Schedule 2 table S2.4. |
| AR9 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – materials solidification process (D9, R5) | Treatment directly in process or treatment of effluents from treatment elsewhere on site.<br>Waste types to be as specified in Schedule 2 table S2.4. |
| AR10 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – materials solidification process (D9) | Treatment directly in process or treatment of effluents from treatment elsewhere on site.<br>Waste types to be as specified in Schedule 2 table S2.4. |
| AR11 | S5.6 A(1)(a) | Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes (D15, R13) | From receipt of waste to introduction to treatment processes to disposal/reuse or transfer off-site. Including acceptance and testing of waste on site.<br>Waste shall not be stored longer than 6 months without prior written approval from the Environment Agency.<br>The combined storage at any one time allowed under Activities AR11 and AR29 shall be limited to:<br>Containerised waste 2,850 tonnes<br>Bulk liquid 2,500 $m^3$<br>Bulk powder 850 $m^3$<br>Bulk treated residues 1,150 tonnes.<br>Locations as specified in the individual treatment descriptions.<br>Waste types to be as specified in Schedule 2 table S2.5. |
| AR12 | S5.3 A1(a)(ii) | Disposal or recovery of hazardous waste – container shredding (D9, R4, R5) | From generation of empty containers to passing through the shredder prior to removal from site for recovery or disposal.<br>Waste types to be as specified in schedule 2 table S2.6. |
| AR13 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – container shredding (D9) | From generation of empty containers to passing through the shredder prior to removal from site for disposal.<br>Waste types to be as specified in schedule 2 table S2.6. |
| AR14 | S5.3 A1(a)(ii) | IBC and container washing process/cleaning of contaminated IBCs and containers (D9, R4, R5) | Storage and cleaning of empty containers prior to reuse or removal from site for recovery or recycling.<br>Waste types to be as specified in Schedule 2 tables S2.6. |
| AR15 | S5.4 A1(a)(ii) | IBC and container washing process/cleaning of contaminated IBCs and containers (D9) | Storage and cleaning of empty containers prior to reuse or removal from site for recycling.<br>Waste types to be as specified in Schedule 2 tables S2.6. |
| AR16 | S5.3 A1(a)(iv) | Repackaging and bulking up of hazardous waste (D14, R3, R4 and R5) | Bulking up and repackaging of waste delivered in containers to site prior to storage on site or transfer off site for further treatment. |

| 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** |
| | | | Waste types to be as specified in Schedule 2 table S2.5. |
| AR17 | S5.3 A1(a)(ii) | De-packaging of hazardous waste by removing the contents of packaged waste (D9, R3, R4 and R5) | From receipt of waste on site to treatment and transfer off-site. Treatment consisting only of de-packaging into liquid and solid fractions.<br>Waste types to be as specified in Schedule 2 table S2.7. |
| AR18 | S5.4 A1(a)(ii) | De-packaging of non-hazardous waste by removing the contents of packaged waste (D9) | From receipt of waste on site to treatment and transfer off-site. Treatment consisting only of de-packaging into liquid and solid fractions.<br>Waste types to be as specified in Schedule 2 table S2.7. |
| AR19 | S5.3 A1(a)(ii) | Oil-water/solvent separation (D9, R2 and R3) | Separation of aqueous and non-aqueous phase hazardous liquids.<br>Waste types to be as specified in Schedule 2 table S2.5. |
| AR20 | S5.4 A1(a)(ii) | Oil-water/solvent separation (D9) | Separation of aqueous and non-aqueous phase non-hazardous liquids.<br>Waste types to be as specified in Schedule 2 table S2.8. |
| AR21 | S5.3 A1(a)(ii) | Disposal of hazardous waste – aqueous waste treatment (D9) | High acid treatment process (HATP).<br>Treatment of wastes in reactor V-1503, storage of waste in tanks T-1501, A11 (T-1502), A12 (T-1505), and T-1504 prior to further on-site treatment. In processes AR1-AR4, AR7-AR10, AR23.<br><br>Waste types to be as specified in Schedule 2 table S2.9.<br>Maximum treatment capacities 300 tonnes per day. |
| AR22 | S5.4 A1(a)(ii) | Disposal of non-hazardous waste – aqueous waste treatment (D9) | High acid treatment process (HATP).<br>Treatment of wastes in reactor V-1503, storage of waste in tanks T-1501, A11 (T-1502), A12 (T-1505), and T-1504 prior to further on-site treatment. In processes AR1-AR4, AR7-AR10, AR23.<br><br>Waste types to be as specified in Schedule 2 table S2.9.<br>Maximum treatment capacities 150 tonnes per day. |
| **Directly Associated Activity** | | | |
| AR23 | N/A | Disposal of non-hazardous waste – filter press (D9, R3, R5). | From processing of waste through the aqueous treatment process to transfer of effluents for further processing on or off-site.<br>Waste types to be outputs from aqueous treatment process – AR1, AR2, AR21 and AR22. |
| AR24 | N/A | Storm water management process - release to sewer (D6) | Storage and cleaning using activated carbon of storm water on the site prior to release to foul sewer. |

| 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** |
| AR25 | N/A | Storage of non-hazardous waste | Storage of non-hazardous waste prior to treatment under AR2, AR6, AR8, AR10, AR13, AR15, AR18, AR20 and AR22. |
| AR26 | N/A | Storage of non-hazardous waste | Storage of non-hazardous waste after treatment. |
| AR27 | N/A | Storage of hazardous waste | Storage of hazardous waste after treatment. |
| AR28 | N/A | Treatment of off gases by thermal oxidation | Treatment of the off gases produced by the HATP activities AR21 and AR22. |
| **Activity reference** | **Description of activities for waste operations** | | **Limits of activities** |
| AR29 | Acceptance, storage, transfer and handling of non-hazardous waste (D15, R3, R5 and R13) | | From receipt of waste on site to storage and transfer off-site.<br>Treatment consisting of manual sorting, separation, and compaction of non-hazardous waste for recovery only.<br>The combined storage at any one time allowed under Activities AR11 and AR29 shall be limited to:<br>Containerised waste 2,850 tonnes<br>Bulk liquid 2,500 $m^3$<br>Bulk powder 850 $m^3$<br>Bulk treated residues 1,150 tonnes.<br>Treatment of WEEE shall be limited to manual sorting, separation, bulking/repackaging.<br>Treatment of WEEE shall be carried out within a building provided with a weatherproof covering.<br>Buildings, covered areas or containers shall meet the following requirements:<br>▪ buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br>▪ rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;<br>▪ containers containing waste shall be stored on an impermeable surface with sealed drainage system.<br>Waste types to be as specified in Schedule 2 table S2.8. |
| AR30 | Recovery of non-hazardous waste – aqueous waste treatment (R3, R5) | | Treatment of wastes, in reactors and tanks F4, RVI, A1, A2, A3, A4, A5, A6, A7, A8 (located respectively at the areas marked 37, 26, 67, 68, 32, 87, 35, 34, 23, 9 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR31 | Recovery of non-hazardous waste – acid | | Treatment of wastes, in reactors and tanks |

| 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** |
| | neutralisation (R3, R5) | | F3, RVI, A1, A2, A3, A4, A5,A6, A7, A8, A9, A10, A11, A12 (located respectively at the areas marked 36, 26, 67, 68, 32, 87, 35,34, 23, 9, 39, 42, 47, 33 on the site plan reference CE/009 issue 13a).<br>Removal of effluents from site.<br>Waste types to be as specified in Schedule 2 table S2.2. |
| AR32 | Recovery of non-hazardous waste – dissolver process (R3, R5) | | Treatment in dissolvers and transfer for further treatment on site.<br>Waste types to be as specified in Schedule 2 table S2.3. |
| AR33 | Recovery of non-hazardous waste – ash conditioning (R5) | | Treatment in conditioning plant and storage of treated residues in bunkers.<br>Waste types to be as specified in Schedule 2 table S2.4. |
| AR34 | Recovery of non-hazardous waste – materials solidification process (R5) | | Treatment directly in process or treatment of effluents from treatment elsewhere on site.<br>Waste types to be as specified in Schedule 2 table S2.4. |
| AR35 | Recovery of non-hazardous waste – container shredding (R3, R4, R5) | | From generation of empty containers (to passing through the shredder prior to removal from site for recovery.<br>Treatment consisting of shredding of metal waste for recovery (no more than 75 tonnes per day).<br>Waste types to be as specified in schedule 2 table S2.6. |
| AR36 | IBC and container washing process/cleaning of contaminated IBCs and containers (R3, R5) | | Storage and cleaning of empty containers prior to reuse or removal from site for recycling.<br>Waste types to be as specified in Schedule 2 tables S2.6. |
| AR37 | Repackaging and bulking up of non-hazardous waste (D14, R3, R4 and R5) | | Bulking up and repackaging of waste delivered in containers to site prior to storage on site or transfer off site for further treatment.<br>Treatment consisting of repackaging of non-hazardous waste for disposal (no more than 50 tonnes per day).<br>Treatment of WEEE shall be limited to manual sorting, separation, bulking/repackaging.<br>Treatment of WEEE shall be carried out within a building provided with a weatherproof covering.<br>Buildings, covered areas or containers shall meet the following requirements:<br>▪ buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br>▪ rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids; |

| 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** |
| | | | ▪ containers containing waste shall be stored on an impermeable surface with sealed drainage system.<br>Waste types to be as specified in Schedule 2 table S2.8. |
| AR38 | De-packaging of non-hazardous waste by removing the contents of packaged waste for recovery (R3, R4 and R5) | | From receipt of waste on site to treatment and transfer off-site. Treatment consisting only of de-packaging into liquid and solid fractions.<br>Waste types to be as specified in Schedule 2 table S2.7. |
| AR39 | Oil-water/solvent separation (R2 and R3) | | Separation of aqueous and non-aqueous phase non-hazardous liquids.<br>Waste types to be as specified in Schedule 2 table S2.8. |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Application | The response to section 2.1 and section 2.2 in the Application and supporting documentation. | 26/08/05 |
| Receipt of additional information to the application dated 06/10/0 | Responses to questions 2, 3, 7, 8 9, 11, 15, 16, 17 18, 19, 20. | 31/10/05 |
| Receipt of additional information to the application dated 08/12/0 | Responses to questions 3, 4, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 19, 20, 22 and 23. | 23/12/05 |
| Receipt of additional information to the application dated 01/02/05 | Responses to questions 3, 4, 5, 6, 7 and 8. | 06/02/05 |
| Letter from applicant dated 29/03/06 | Information relating to extraction system on materials solidification building. | 31/03/06 |
| Letter from applicant dated 08/05/06 | Information in sections 1 – 4 relating to extraction system on materials solidification building. | 10/05/06 |
| Receipt of additional information to the application dated 26/04/06 | Responses to questions 1, 2, 3, 5, 6, 7, 8, 9, 10, 11. | 09/05/06 |
| Email from operator dated 05/06/06 | Whole email. | 05/06/06 |
| Receipt of variation application dates 26/07/12 | Non-Technical summary CWSL/V004/1 and CWSL/V004/2. Permit Application Part C2 and C3. | 31/07/12 |
| Receipt of email dated 20/09/12 | Email includes additional R codes for hazardous waste, the removal/re-numbering of some tanks and Directly Associated Activities relating to the acceptance transfer and handling of waste as part of previously agreed variations and notifications. | 20/09/12 |
| Application EPR/AP3337SJ/V007 | Application documents provided in response to section 3a – technical standards, Part C3 of the application form - report reference: CA/IL/AW/5589/01/IED/VAR dated September 2018, including the following documents:<br>▪ Pest Management Plan for the Physico-Chemical Treatment, report reference: CA/IL/AW/5589/01/PMP dated September 2018.<br>▪ Best Available Techniques (BAT) review of the proposed de-packaging activity dated 7 November 2018. | 07/11/18 |
| Response to Schedule 5 Notice dated 30/01/19 | Response to questions 1 – 34 of the Schedule 5 Notice including the documents titled:<br>▪ Waste Pre-Acceptance Principles, Version 2.1 dated 24/05/18.<br>▪ Group Waste Acceptance Principles Version 2.1 dated November 2018. | 07/03/19 |
| Response to Schedule 5 Notice dated 20/03/19 | Response to questions 1 – 8 of the Schedule 5 Notice including the documents titled:<br>▪ Fire Prevention and Management Plan (FPM)- Document Ref. P1714-FPM-006 Version 6.0 dated 02/04/19.<br>▪ Generation of a Non-Conformance Version 6.0 dated 16/11/18.<br>▪ Site layout plan showing the storage locations. | 03/04/19 |
| Additional information | Ilkeston, De-packaging Plant Method Statement 2.1.2.4, Version 3.0, dated 03/04/19. | 13/05/19 |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Variation application EPR/AP3337SJ/V008 | Application documents provided in response to section 3a – technical standards, Part C3 of the application form and amended documents listed in the non-technical summary version1, section 8<br>• Best Available Techniques (BAT) review of the proposed new high acidity treatment process dated June 2020.<br>• Waste Pre-Acceptance Principles, Version 2.2 02/06/20<br>• Group Waste Acceptance Principles Version 2.2 04/06/20<br>• Generation of a Non-Conformance Version 2.2 dated 16/11/18.<br>• Site layout plan showing the storage locations CE/009 rev 10 03/07/20 | 12/06/20 |
| Receipt of additional/replacement documents | High Acidity Treatment Process (HATP) 2.1.2.4, Method Statement 2.1.2.4.1 v3 dated 09/09/2020 | 11/09/20 |
| Receipt of additional/replacement documents | • Non-HATP bulk inventory AP3337SJ/008/NBS 001-r2<br>• Revised site layout CE/009 issue 13a showing storage locations | 03/11/20 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IP1 | The Operator shall produce and implement written procedures (and any amendments to them) that accords with section 2.1.3 of Sector Guidance Note S5.06, December 2004 to cover the bunding of bulk storage vessels on the site, containing both waste and non-waste materials, within both the tank farm and elsewhere on site. | Complete |
| IP2 | The Operator shall empty, clean and inspect the materials solidification pit, both wet and dry sides, in accordance with points 1 and 2 of section 2.2.5 of Sector Guidance Note S5.06. This should involve a visual inspection of the pit walls and floor and is to be carried out by a suitably qualified third party engineer. If the third party engineer determines it is necessary, integrity testing to determine the integrity or otherwise of the pit should then be carried out. The proposed date for the inspection and a copy of the qualifications of the third party engineer should be supplied in writing to the Agency prior to the inspection commencing. A copy of the inspection report, and a written plan of any remedial actions necessary shall be submitted to the Agency for approval.<br>The plan shall be implemented by the operator from the date of approval by the Agency. | Complete |
| IP3 | The Operator shall carry out a BAT assessment of the disposal routes from aqueous liquid effluents from the site. For those materials currently disposed of via the Castle Waste Services Limited sites in Sheffield and Stoke-on-Trent, this assessment should be against sections 2.2.2 and 2.6, of Sector Guidance Note S5.06, December 2004. For those materials currently disposed of via Blackland Park Exploration Limited, this assessment should be against section 2.2.3 of Sector Guidance Note S5.06, December 2004. This assessment should include a BAT assessment of on site treatment and disposal at Ilkeston against off-site disposal. The results of the review, a BAT justification for any recommendations and a timetable for implementation shall be reported to the Agency in writing. | Complete |
| IP4 | The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.1 of Sector Guidance Note S5.06, December 2004, to assess waste prior to acceptance on the site. | Complete |
| IP5 | The Operator shall cease all waste treatment operations in the materials solidification process unless alternative techniques are provided and installed to comply with the relevant standards in sections 2.1.4 and 2.1.5 of Sector Guidance Note S5.06, December 2004. | Complete |
| IP6 | The Operator shall provide a report to the Agency detailing the necessary changes to the materials solidification process infrastructure required to achieve compliance with the relevant standards in sections 2.1.4 and 2.1.5 of Sector Guidance Note S5.06, December 2004, along with a timescale for their implementation, which must be no later than the 30 June 2008.<br>The report shall include an assessment of the impact from the process emissions on the environment, resulting from the changes to the process.<br>Where the Operator does not propose to provide alternative techniques to achieve compliance with the relevant standards the report shall instead detail the necessary actions to decommission the material solidification process infrastructure. | Complete |
| IP7 | The operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.2 of Sector Guidance Note S5.06, December 2004, to cover waste tracking and recording systems. | Complete |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IP8 | The Operator shall develop and implement an odour management plan, having regards to the appropriate sections of the Agency's H4 Horizontal Guidance Note for Odour (i.e. Appendix 7 of part 1). The Operator shall provide the Agency with a written copy of the plan and shall manage potential odours at the site in accordance with this. | Complete |
| IP9 | The operator shall provide the Agency with written proposals for a programme of monitoring for particulate releases from emission points P1 -P4 under a range of operating conditions. Monitoring shall be carried out to an appropriate recognised standard. The proposals shall include a justification for the frequency and method of monitoring and a proposed timetable for implementation. | Complete |
| IP10 | Using the data collected as a result of IP8 the Operator shall assess the release of particulate material from emission points P1-P4 by comparing the monitored concentrations to the benchmark value contained in Table 3.11, Section 3.9 of Sector Guidance Note S5.06, December 2004. The Operator shall provide the Agency with a written report detailing the results and conclusions of this assessment. | Complete |
| IP11 | The Operator shall install the infrastructure required to ensure that drums that are not able to be re-used are cleaned to facilitate recycling or recovery by other means that accord with Section 2.1.13 of Sector Guidance Note S5.06, December 2004. | Complete |
| IP12 | The Operator shall install the infrastructure required to control emissions to air and water from drum crushing, shredding or cutting processes that accord with Section 2.1.13 of Sector Guidance Note S5.06, December 2004. | Complete |
| IP13 | The operator shall install a second set of GAC filters in parallel to all of the current filters, labelled A1 – A5, F1 – F4, RV1, C1, tanks 7 and 8 and the triple sump labelled as vents 1 -14 on plan CE/055. This second filter system should be capable of being switched on immediately when breakthrough of VOC's is detected or suspected during the daily exhaust monitoring using the handheld PID | Complete |
| IP14 | The operator shall prepare a report detailing the PID measurements for each of the release points labelled vents 1 – 14 on plan CE/055, for a period of six months. The report should include the daily monitoring results and detail when the filters have reached saturation, and have been replaced. The report should detail if the current filter system is adequate, or if an increase in either filter size or monitoring is required. | Complete |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IP15 | The operator shall carry out a review of the abatement systems listed in Table S3.1 in order to determine whether the systems are effective in minimising odorous emissions.<br>The operator shall submit a written report to the Environment Agency following this review for written approval.<br>The report shall outline the following:<br>• Odour monitoring results at the site boundary.<br>• Review of at least three inlet and outlet monitoring results for all odorous compounds taken during full operation including, as a minimum, the results of olfactory testing, GCMS, $H_2S$ testing, Ammonia testing and moisture entering the carbon filter using a relative humidity meter.<br>• Review of the condition and integrity of ducts and pipework.<br>• Review of the emissions from the reception sumps.<br>• Design details of the carbon filter.<br>• Recommendations for improvements.<br>The report shall include timescales for implementation of improvements to the abatement system for agreement with the Environment Agency. The operator shall implement the improvements in line with the timescales agreed with the Environment Agency. | 04/01/2020 Partially complete. Revised timescales for implementation of improvements still awaited and completion of improvements. |

| Table S1.4 Pre-operational measures for future development | | |
|---|---|---|
| **Reference** | **Operation** | **Pre-operational measures** |
| PO 1 | Prior to the acceptance of waste materials for specified activities AR21 and AR22 and use of specified storage tanks and reactor vessel for new HATP process - reactor V-1503, storage of waste in tanks T-1501, A11 (T-1502), A12 (T-1505), and T-1504. | At least 4 weeks (or any other date as agreed with the Environment Agency) prior to the commencement of commissioning of the new HATP and air emission abatement system, the operator shall provide a written commissioning plan (including timescales for completion) for approval by the Environment Agency. The commissioning plan shall include the expected emissions to the environment during the different stages of commissioning, proposals for monitoring the emissions, proposed process monitoring during commissioning, the expected durations of commissioning activities and the measures to be taken to protect the environment and report to the Environment Agency in the event that actual emissions exceed expected emissions.<br>Commissioning shall be carried out in accordance with the commissioning plan as approved by the Environment Agency. Any deviations from the plan are to be agreed with the Environment Agency before being implemented.<br><br>No waste shall be stored in the new tanks unless the Environment Agency has given prior written permission under this condition. |
| PO 2 | Prior to the start of specified activities AR21, AR22, AR28 and the HATP. | At least 4 weeks (or any other date as agreed with the Environment Agency) prior to the commencement of storage and processing of waste in the new storage tanks and reaction vessel for the HATP operation and use of the air emission abatement system (except for commissioning purposes), the operator shall provide a written commissioning report for approval by the Environment Agency. The commissioning report shall include<br><br>• Emissions monitoring data and analysis of that emissions monitoring to show what has been emitted to the environment during the different stages of commissioning, verification that the abatement system is working effectively, in particular that the abatement system is working within the design limits, e.g. the correct moisture and pH range and having regard to the Environment Agency |

| Table S1.4 Pre-operational measures for future development | | |
|---|---|---|
| **Reference** | **Operation** | **Pre-operational measures** |
| | | technical guidance, Monitoring stack emissions: environmental permits and to MCERTS standards and that emissions are controlled/minimised,<br>• the actual durations of commissioning activities,<br>• the measures to be taken to protect the environment during operation as informed by the commissioning process,<br>• a summary of any reports to the Environment Agency of any events of actual emissions exceeding the expected emissions and corrective actions taken, and<br>• a summary of any deviations from the commissioning plan and the justification to why you were unable to carry out that issue in accordance with the commissioning plan. |

# Schedule 2 – Waste types, raw materials and fuels

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

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 01 01 01 | Wastes from mineral metalliferous excavation |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 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 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 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 |
| 02 01 01 | Sludges from washing and cleaning |
| 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 02 01 | Sludges from washing and cleaning |
| 02 02 03 | Materials unsuitable for consumption or processing |
| 02 02 04 | Sludges from on-site effluent treatment |
| 02 03 01 | Sludges from washing, cleaning, peeling, centrifuging and separation |
| 02 03 02 | Wastes from preserving agents |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 02 03 03 | Wastes from solvent extraction |
| 02 03 04 | Materials unsuitable for consumption or processing |
| 02 03 05 | Sludges from on-site effluent treatment |
| 02 04 01 | Soil from cleaning and washing beet |
| 02 04 02 | Off-specification calcium carbonate |
| 02 04 03 | Sludges from on-site effluent treatment |
| 02 05 01 | Materials unsuitable for consumption or processing |
| 02 05 02 | Sludges from on-site effluent treatment |
| 02 06 01 | Materials unsuitable for consumption or processing |
| 02 06 02 | Wastes from preserving agents |
| 02 06 03 | Sludges from on-site effluent treatment |
| 02 07 01 | Wastes from washing cleaning and mechanical reduction of raw materials |
| 02 07 02 | Wastes from spirits distillation |
| 02 07 03 | Wastes from chemical treatment |
| 02 07 04 | Materials unsuitable for consumption or processing |
| 02 07 05 | Sludges from on-site effluent treatment |
| 03 02 01* | Non-halogenated organic wood preservatives |
| 03 02 02* | Non-halogenated organic wood preservatives |
| 03 02 03* | Organometallic wood preservatives |
| 03 02 04* | Inorganic wood preservatives |
| 03 02 05* | Other wood preservatives containing dangerous substances |
| 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 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 10 | Organic matter from natural products (for example grease, wax) |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 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 17 |
| 04 02 19* | Sludges from on-site effluent treatment containing dangerous substances |
| 04 02 20 | Sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 04 02 21 | Wastes from unprocessed textile fibres |
| 04 02 22 | Wastes from processed textile fibres |
| 05 01 02* | Desalter sludges |
| 05 01 03* | Tank bottom sludges |
| 05 01 04* | Acid alkyl sludges |
| 05 01 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 04 | Waste from cooling columns |
| 05 07 02 | Wastes containing sulphur |
| 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 01* | Calcium hydroxide |
| 06 02 03* | Ammonium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |
| 06 02 05* | Other bases |
| 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 03* | Wastes containing arsenic |
| 06 04 05* | Wastes containing other heavy metals |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 06 05 02* | Sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 02* | Wastes containing dangerous sulphides |
| 06 06 03 | Wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 07 04* | Solutions and acids, for example contact acid |
| 06 08 02* | Wastes containing dangerous silicones |
| 06 09 03* | Calcium-based reaction wastes containing or contaminated with dangerous substances |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 02* | Wastes containing dangerous substances |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 06 13 01* | Inorganic plant protection products, wood-preserving agents and other biocides |
| 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 01* | Aqueous washing liquids and mother liquors |
| 07 02 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 02 04* | Other organic solvents, washing liquids and mother liquors |
| 07 02 07* | Halogenated still bottoms and reaction residues |
| 07 02 08* | Other still bottoms and reaction residues |
| 07 02 09* | Halogenated filter cakes and spent absorbents |
| 07 02 10* | Other filter cakes and spent absorbents |
| 07 02 11* | Sludges from on-site effluent treatment containing dangerous substances |
| 07 02 12 | Sludges from on-site effluent treatment other than those mentioned in 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 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 |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 07 03 07* | Halogenated still bottoms and reaction residues |
| 07 03 08* | Other still bottoms and reaction residues |
| 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 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 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 01* | Aqueous liquids and mother liquors |
| 07 05 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 05 04* | Other organic solvents, washing liquids and mother liquors |
| 07 05 07* | Halogenated still bottoms and reaction residues |
| 07 05 08* | Other still bottoms and reaction residues |
| 07 05 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 01* | Aqueous 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 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 01* | Aqueous liquids and mother liquors |
| 07 07 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | Other organic solvents, washing liquids and mother liquors |
| 07 07 07* | Halogenated still bottoms and reaction residues |
| 07 07 08* | Other still bottoms and reaction residues |
| 07 07 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 01 11* | Waste paint or varnish containing organic solvents or other dangerous substances |
| 08 01 12 | Waste paint or varnish other than those mentioned in 08 01 11 |
| 08 01 13* | Sludges from paint or varnish containing organic solvents or other dangerous substances |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 08 01 14 | Sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | Aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 16 | Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | Wastes from paint or varnish removal containing organic solvents or other dangerous substances |
| 08 01 18 | Wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 20 | Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 01 21* | Waste paint or varnish remover |
| 08 02 01 | Waste coating powders |
| 08 02 02 | Aqueous sludges containing ceramic materials |
| 08 02 03 | Aqueous suspensions containing ceramic materials |
| 08 03 07 | Aqueous sludges containing ink |
| 08 03 08 | Aqueous liquid waste containing ink |
| 08 03 12* | Waste ink containing dangerous substances |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | Ink sludges containing dangerous substances |
| 08 03 15 | Ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | Waste etching solutions |
| 08 03 17* | Waste printing toner containing dangerous substances |
| 08 03 18 | Waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | Disperse oil |
| 08 04 09* | Waste adhesives and sealants containing organic solvents or other dangerous substances |
| 08 04 10 | Waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | Adhesive and sealant sludges containing organic solvents or other dangerous substances |
| 08 04 12 | Adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | Aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 14 | Aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | Aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 16 | Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |

| **Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation.** | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 08 04 17* | Rosin oil |
| 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 13* | Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| 10 01 09* | Sulphuric acid |
| 10 01 16* | Fly ash from co-incineration containing dangerous substances |
| 10 01 18* | Wastes from gas cleaning containing dangerous substances |
| 10 01 20* | Sludges from on-site effluent treatment containing dangerous substances |
| 10 01 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 |
| 10 01 25 | Wastes from fuel storage and preparation of coal-fired power stations |
| 10 01 26 | Wastes from cooling-water treatment |
| 10 02 01 | Wastes from the processing of slag |
| 10 02 02 | Unprocessed slag |
| 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 18 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 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 27* | Wastes from cooling-water treatment containing oil |
| 10 03 28 | Wastes from cooling-water treatment other than those mentioned in 10 02 27 |
| 10 03 29* | Waste from the treatment of salt slags and black drosses containing dangerous substances |
| 10 03 30 | Waste from the treatment of salt slags and black drosses other than those mentioned in 10 02 29 |
| 10 04 07* | Sludges and filter cakes from gas treatment |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 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 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 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 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 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 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 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 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 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 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 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 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 |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 10 13 04 | Wastes from calcination and hydration of lime |
| 10 13 07 | Sludges and filter cakes from gas treatment |
| 10 13 10 | Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 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 02* | Sludges from zinc hydrometallurgy |
| 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 01* | Wastes containing cyanide |
| 11 03 02* | Other wastes |
| 12 01 02 | Ferrous metal dust and particles |
| 12 01 04 | Non-ferrous metal dust and particles |
| 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 |

| **Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation.** | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 12 01 18* | Metal sludges (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | Readily biodegradable machining oil |
| 12 03 01* | Aqueous washing liquids |
| 12 03 02* | Steam degreasing wastes |
| 13 01 04* | Chlorinated emulsions |
| 13 01 05* | Non-chlorinated emulsions |
| 13 01 09* | Mineral-based chlorinated hydraulic oils |
| 13 01 10* | Mineral-based non-chlorinated hydraulic oils |
| 13 01 11* | Synthetic hydraulic oils |
| 13 01 12* | Readily biodegradable hydraulic oils |
| 13 01 13* | Other hydraulic oils |
| 13 02 04* | Mineral-based chlorinated engine, gear and lubricating oils |
| 13 02 05* | Mineral based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | Synthetic engine, gear and lubricating oils |
| 13 02 07* | Readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | Other engine, gear and lubricating oils |
| 13 03 06* | Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01 |
| 13 03 07* | Mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | Synthetic insulating and heat transmission oils |
| 13 03 09* | Readily biodegradable insulating and heat transmission oils |
| 13 03 10* | Other insulating and heat transmission oils |
| 13 04 01* | Bilge oils from inland navigation |
| 13 04 02* | Bilge oils from jetty sewers |
| 13 04 03* | Bilge oils from other navigation |
| 13 05 01* | Solids from grit chambers and oil/water separators |
| 13 05 02* | Sludges from oil/water separators |
| 13 05 03* | Interceptor sludges |
| 13 05 06* | Oil from oil/water separators |
| 13 05 07* | Oily water from oil/water separators |
| 13 05 08* | Mixtures of wastes from grit chambers and oil/water separators |
| 13 07 01* | Fuel oil and diesel |
| 13 07 02* | Petrol |
| 13 07 03* | Other fuels (including mixtures) |
| 13 08 01* | Desalter sludges or emulsions |
| 13 08 02* | Other emulsions |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 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 |
| 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, protective clothing other than those mentioned in 15 02 02 |
| 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 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 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 03* | Inorganic wastes containing dangerous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 04 |
| 16 03 05* | Organic wastes containing dangerous substances |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 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 06* | Separately collected electrolyte from batteries and accumulators |
| 16 07 08* | Wastes containing oil |
| 16 07 09* | Wastes containing other dangerous substances |
| 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 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 01* | Aqueous liquid wastes containing dangerous substances |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 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 03 02 | Bituminous mixtures other than those mentioned in 17 03 01 |
| 17 05 05* | Dredging spoil containing dangerous substances |
| 17 05 06 | Dredging spoil other than those mentioned in 17 05 05 |
| 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, 17 09 03 |
| 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 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 01 06* | Aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | Solid wastes from gas treatment |
| 19 01 13* | Fly ash containing dangerous substances |
| 19 01 15* | Boiler dust containing dangerous substances |
| 19 01 16 | Boiler dust other than those mentioned in 19 01 15 |
| 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 | Solid combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | Other wastes containing dangerous substances |
| 19 04 01 | Vitrified waste |
| 19 04 04 | Aqueous liquid wastes from vitrified waste tempering |
| 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 |

| **Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation.** | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 19 07 02* | Landfill leachate containing dangerous substances |
| 19 07 03 | Landfill leachate other than those mentioned in 19 07 02 |
| 19 08 02 | Waste from desanding |
| 19 08 05 | Sludges from treatment of urban waste water |
| 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 oils 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 02 | Sludges from water clarification |
| 19 09 03 | Sludges from decarbonation |
| 19 09 06 | Solution and sludges from regeneration of ion exchangers |
| 19 11 02* | Acid tars |
| 19 11 03* | Aqueous liquid wastes |
| 19 11 04* | Wastes from cleaning of fuels 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 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 waste other than those mentioned in 19 12 11 |
| 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 01 13* | Solvents |

| Table S2.2 Permitted waste types and quantities for aqueous waste treatment and acid neutralisation. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR1 – AR4, AR30 and AR31 of Table S1.1 shall be less than 54,750 tonnes a year.** |
| **Waste code** | **Description** |
| 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 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 32 | Medicines other than those mentioned in 20 01 31 |
| 20 03 03 | Street-cleaning residues |
| 20 03 04 | Septic tank sludge |
| 20 03 06 | Waste from sewage cleaning |
| 20 03 07 | Bulky waste |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 01 01 01 | Wastes from mineral metalliferous excavation |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 01 03 07* | Other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals. |
| 01 04 07* | Wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals |
| 02 01 08* | Agrochemical waste containing hazardous substances |
| 02 01 09 | Agrochemical waste other than those mentioned in 02 01 08 |
| 02 03 02 | Wastes from preserving agents |
| 02 04 02 | Off-specification calcium carbonate |
| 02 06 02 | Wastes from preserving agents |
| 02 07 03 | Wastes from chemical treatment |
| 03 02 01* | Non-halogenated organic wood preservatives |
| 03 02 04* | Inorganic wood preservatives |
| 03 02 05* | Other wood preservatives containing hazardous substances |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 04 01 06 | Sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | Sludges, in particular from on-site effluent treatment free of chromium |
| 04 02 15 | Wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | Dyestuffs and pigments containing hazardous substances |
| 04 02 17 | Dyestuffs and pigments other than those mentioned in 04 02 17 |
| 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 01* | Calcium hydroxide |
| 06 02 03* | Ammonium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |
| 06 02 05* | Other bases |
| 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 03* | Wastes containing arsenic |
| 06 04 04* | Wastes containing mercury |
| 06 04 05* | Wastes containing other heavy metals |
| 06 05 02* | Sludges from on-site effluent treatment containing hazardous substances |
| 06 05 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 02* | Wastes containing hazardous sulphides |
| 06 06 03 | Wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 09 02 | Phosphorous slag |
| 06 09 03* | Calcium-based reaction wastes containing or contaminated with hazardous substances |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 02* | Wastes containing hazardous substances |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 06 13 01* | Inorganic plant protection products, wood-preserving agents and other biocides |
| 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 |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 07 02 07* | Halogenated still bottoms and reaction residues |
| 07 02 08* | Other still bottoms and reaction residues |
| 07 02 09* | Halogenated filter cakes and spent absorbents |
| 07 02 10* | Other filter cakes and spent absorbents |
| 07 02 11* | Sludges from on-site effluent treatment containing hazardous 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 hazardous substances |
| 07 02 15 | Wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | Wastes containing hazardous silicones |
| 07 02 17 | Wastes containing silicones other than those mentioned in 07 02 16 |
| 07 03 01* | Aqueous washing liquids and mother liquors |
| 07 03 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | Other organic solvents, washing liquids and mother liquors |
| 07 03 07* | Halogenated still bottoms and reaction residues |
| 07 03 08* | Other still bottoms and reaction residues |
| 07 03 09* | Halogenated filter cakes and spent absorbents |
| 07 03 10* | Other filter cakes and spent absorbents |
| 07 03 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 03 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 04 01* | Aqueous washing liquids and mother liquors |
| 07 04 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 04 04* | Other organic solvents, washing liquids and mother liquors |
| 07 04 07* | Halogenated still bottoms and reaction residues |
| 07 04 08* | Other still bottoms and reaction residues |
| 07 04 09* | Halogenated filter cakes and spent absorbents |
| 07 04 10* | Other filter cakes and spent absorbents |
| 07 04 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 04 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 08 01 21* | Waste paint or varnish remover |
| 08 02 01 | Waste coating powders |
| 08 02 02 | Aqueous sludges containing ceramic materials |
| 08 03 07 | Aqueous sludges containing ink |
| 08 03 12* | Waste ink containing hazardous substances |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | Ink sludges containing hazardous substances |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 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 hazardous substances |
| 08 03 18 | Waste printing toner other than those mentioned in 08 03 17 |
| 09 01 05* | Bleach solutions and bleach fixer solutions |
| 10 01 09* | Sulphuric acid |
| 10 09 15* | Waste crack-indicating agent containing hazardous substances |
| 10 09 16 | Waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 15* | Waste crack-indicating agent containing hazardous substances |
| 10 10 16 | Waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 09* | Waste preparation mixture before thermal processing, containing hazardous substances |
| 10 12 09* | Solid wastes from gas treatment containing hazardous 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 13 11 | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 11 01 05* | Pickling acids |
| 11 01 06* | Acids not otherwise specified |
| 11 01 07* | Pickling bases |
| 11 01 11* | Aqueous rinsing liquids containing hazardous substances |
| 11 01 12 | Aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 98* | Other wastes containing hazardous substances |
| 11 02 07* | Other wastes containing hazardous substances |
| 11 03 01* | Wastes containing cyanide |
| 11 03 02* | Other wastes |
| 15 01 10* | Packaging containing residues of or contaminated by hazardous substances |
| 15 02 02* | Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances |
| 16 01 14* | Antifreeze fluids containing hazardous substances |
| 16 01 15 | Antifreeze fluids other than those mentioned in 16 01 14 |
| 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 03* | Inorganic wastes containing hazardous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 04 |
| 16 03 05* | Organic wastes containing hazardous substances |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 16 05 06* | Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 07* | Discarded inorganic chemicals consisting of or containing hazardous substances |
| 16 05 08* | Discarded organic chemicals consisting of or containing hazardous substances |
| 16 05 09 | Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 06 06* | separately collected electrolyte from batteries and accumulators |
| 16 07 09* | Wastes containing other hazardous 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 01* | Aqueous liquid wastes containing hazardous substances |
| 16 10 02 | Aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | Aqueous concentrates containing hazardous substances |
| 17 02 04* | Glass, plastic and wood containing or contaminated with hazardous substances |
| 17 09 03* | Other construction and demolition wastes (including mixed wastes) containing hazardous substances |
| 18 01 06* | Chemicals consisting of or containing hazardous substances |
| 18 01 07 | Chemicals other than those mentioned in 18 01 06 |
| 18 02 05* | Chemicals consisting of or containing d hazardous substances |
| 18 02 06 | Chemicals other than those mentioned in 18 02 05 |
| 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 hazardous substances |
| 19 02 06 | Sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 09* | Solid combustible wastes containing hazardous substances |
| 19 02 10 | Solid combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | Other wastes containing hazardous substances |
| 19 03 04* | Wastes marked as hazardous, partly stabilised |
| 19 03 05 | Stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | Wastes marked as hazardous, solidified |
| 19 03 07 | Solidified wastes other than those mentioned in 19 03 06 |
| 19 04 03* | Non-vitrified solid phase |
| 19 09 01 | Solid waste from primary filtration and screenings |
| 19 09 02 | Sludges from water clarification |
| 19 09 03 | Sludges from decarbonation |

| Table S2.3 Permitted waste types and quantities for dissolver process | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR5, AR6 and AR32 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste code** | **Description** |
| 19 09 04 | Spent activated carbon |
| 19 09 05 | Saturated or spent ion exchange resins |
| 19 09 06 | Solution and sludges from regeneration of ion exchangers |
| 19 12 11* | Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11 |
| 19 13 01* | Solid wastes from soil remediation containing hazardous substances |
| 19 13 02 | Solid wastes from soil remediation waste other than those mentioned in 19 13 01 |
| 19 13 03* | Sludges from soil remediation containing hazardous substances |
| 19 13 04 | Sludges from soil remediation waste other than those mentioned in 19 13 01 |
| 19 13 07* | Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| 19 13 08 | Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 20 01 14* | Acids |
| 20 01 15* | Alkalines |
| 20 01 17* | Photochemicals |
| 20 01 19* | Pesticides |
| 20 01 27* | Paint, inks, adhesives and resins containing hazardous substances |
| 20 01 28 | Paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | Detergents containing hazardous substances |
| 20 01 30 | Detergents other than those mentioned in 20 01 29 |
| 20 02 03 | Other non-biodegradable wastes |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 01 01 01 | Wastes from mineral metalliferous excavation |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 01 03 04* | Acid generating tailings from processing of sulphide ore |
| 01 03 05* | Other tailings containing hazardous substances |
| 01 03 06 | Tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 07* | Other wastes containing hazardous 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 07* | Wastes containing hazardous 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 04 | Freshwater drilling muds and wastes |
| 01 05 06* | Drilling muds and other drilling wastes containing hazardous substances |
| 01 05 07 | Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | Chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 02 01 01 | Sludges from washing and cleaning |
| 02 01 03 | Plant-tissue waste |
| 02 01 04 | Waste plastics (except packaging) |
| 02 01 07 | Wastes from forestry |
| 02 01 08* | Agrochemical waste containing hazardous substances |
| 02 01 09 | Agrochemical waste other than those mentioned in 02 01 08 |
| 02 02 01 | Sludges from washing and cleaning |
| 02 02 03 | Materials unsuitable for consumption or processing |
| 02 02 04 | Sludges from on-site effluent treatment |
| 02 03 01 | Sludges from washing, cleaning, peeling, centrifuging and separation |
| 02 03 02 | Wastes from preserving agents |
| 02 03 03 | Wastes from solvent extraction |
| 02 03 04 | Materials unsuitable for consumption or processing |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 02 03 05 | Sludges from on-site effluent treatment |
| 02 04 01 | Soil from cleaning and washing beet |
| 02 04 02 | Off-specification calcium carbonate |
| 02 04 03 | Sludges from on-site effluent treatment |
| 02 05 01 | Materials unsuitable for consumption or processing |
| 02 05 02 | Sludges from on-site effluent treatment |
| 02 06 01 | Materials unsuitable for consumption or processing |
| 02 06 02 | Wastes from preserving agents |
| 02 06 03 | Sludges from on-site effluent treatment |
| 02 07 01 | Wastes from washing cleaning and mechanical reduction of raw materials |
| 02 07 02 | Wastes from spirits distillation |
| 02 07 03 | Wastes from chemical treatment |
| 02 07 04 | Materials unsuitable for consumption or processing |
| 02 07 05 | Sludges from on-site effluent treatment |
| 03 01 01 | Waste bark and cork |
| 03 01 05 | Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 02 01* | Non-halogenated organic wood preservatives |
| 03 02 02* | Non-halogenated organic wood preservatives |
| 03 02 03* | Organometallic wood preservatives |
| 03 02 04* | Inorganic wood preservatives |
| 03 02 05* | Other wood preservatives containing hazardous substances |
| 03 03 01 | Waste bark and cork |
| 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 the 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 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 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 04 01 08 | Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium |
| 04 01 09 | Wastes from dressing and finishing |
| 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 hazardous substances |
| 04 02 17 | Dyestuffs and pigments other than those mentioned in 04 02 17 |
| 04 02 19* | Sludges from on-site effluent treatment containing hazardous substances |
| 04 02 20 | Sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 04 02 21 | Wastes from unprocessed textile fibres |
| 04 02 22 | Wastes from processed textile fibres |
| 05 01 02* | Desalter sludges |
| 05 01 03* | Tank bottom sludges |
| 05 01 04* | Acid alkyl sludges |
| 05 01 05* | Oil spills |
| 05 01 09* | Sludges from on-site effluent treatment containing hazardous 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 06 04 | Waste from cooling columns |
| 05 07 02 | Wastes containing sulphur |
| 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 01* | Calcium hydroxide |
| 06 02 03* | Ammonium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 06 02 05* | Other bases |
| 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 03* | Wastes containing arsenic |
| 06 04 05* | Wastes containing other heavy metals |
| 06 05 02* | Sludges from on-site effluent treatment containing hazardous substances |
| 06 05 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 02* | Wastes containing hazardous sulphides |
| 06 06 03 | Wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 07 04* | Solutions and acids, for example contact acid |
| 06 08 02* | Wastes containing hazardous silicones |
| 06 09 02 | Phosphorous slag |
| 06 09 03* | Calcium-based reaction wastes containing or contaminated with hazardous substances |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 10 02* | Wastes containing hazardous substances |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 06 13 01* | Inorganic plant protection products, wood-preserving agents and other biocides |
| 06 13 03 | Carbon black |
| 07 01 01* | Aqueous washing liquids and mother liquors |
| 07 01 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 01 04* | Other Organic solvents, washing liquids and mother liquors |
| 07 01 07* | Halogenated still bottoms and reaction residues |
| 07 01 08* | Other still bottoms and reaction residues |
| 07 01 09* | Halogenated filter cakes and spent absorbents |
| 07 01 10* | Other filter cakes and spent absorbents |
| 07 01 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 01 12 | Sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 01* | Aqueous washing liquids and mother liquors |
| 07 02 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 02 04* | Other organic solvents, washing liquids and mother liquors |
| 07 02 07* | Halogenated still bottoms and reaction residues |
| 07 02 08* | Other still bottoms and reaction residues |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 07 02 09* | Halogenated filter cakes and spent absorbents |
| 07 02 10* | Other filter cakes and spent absorbents |
| 07 02 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 02 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 hazardous substances |
| 07 02 15 | Wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | Wastes containing hazardous silicones |
| 07 02 17 | Wastes containing silicones other than those mentioned in 07 02 16 |
| 07 03 01* | Aqueous washing liquids and mother liquors |
| 07 03 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | Other organic solvents, washing liquids and mother liquors |
| 07 03 07* | Halogenated still bottoms and reaction residues |
| 07 03 08* | Other still bottoms and reaction residues |
| 07 03 09* | Halogenated filter cakes and spent absorbents |
| 07 03 10* | Other filter cakes and spent absorbents |
| 07 03 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 03 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 04 01* | Aqueous washing liquids and mother liquors |
| 07 04 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 04 04* | Other organic solvents, washing liquids and mother liquors |
| 07 04 07* | Halogenated still bottoms and reaction residues |
| 07 04 08* | Other still bottoms and reaction residues |
| 07 04 09* | Halogenated filter cakes and spent absorbents |
| 07 04 10* | Other filter cakes and spent absorbents |
| 07 04 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 04 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 04 13* | Solids wastes containing hazardous substances |
| 07 05 01* | Aqueous liquids and mother liquors |
| 07 05 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 05 04* | Other organic solvents, washing liquids and mother liquors |
| 07 05 07* | Halogenated still bottoms and reaction residues |
| 07 05 08* | Other still bottoms and reaction residues |
| 07 05 09* | Halogenated filter cakes and spent absorbents |
| 07 05 10* | Other filter cakes and spent absorbents |
| 07 05 11* | Sludges from on-site effluent treatment containing hazardous substances |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 07 05 12 | Sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | Solid wastes containing hazardous substances |
| 07 05 14 | Solid wastes other than those mentioned in 07 05 14 |
| 07 06 01* | Aqueous liquids and mother liquors |
| 07 06 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 06 04* | Other organic solvents, washing liquids and mother liquors |
| 07 06 07* | Halogenated still bottoms and reaction residues |
| 07 06 08* | Other still bottoms and reaction residues |
| 07 06 09* | Halogenated filter cakes and spent absorbents |
| 07 06 10* | Other filter cakes and spent absorbents |
| 07 06 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 06 12 | Sludges from on-site effluent treatment other than those mentioned in 07 06 11 |
| 07 07 01* | Aqueous liquids and mother liquors |
| 07 07 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | Other organic solvents, washing liquids and mother liquors |
| 07 07 07* | Halogenated still bottoms and reaction residues |
| 07 07 08* | Other still bottoms and reaction residues |
| 07 07 09* | Halogenated filter cakes and spent absorbents |
| 07 07 10* | Other filter cakes and spent absorbents |
| 07 07 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 07 12 | Sludges from on-site effluent treatment other than those mentioned in 07 07 11 |
| 08 01 11* | Waste paint or varnish containing organic solvents or other hazardous substances |
| 08 01 12 | Waste paint or varnish other than those mentioned in 08 01 11 |
| 08 01 13* | Sludges from paint or varnish containing organic solvents or other hazardous 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 hazardous 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 hazardous 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 hazardous 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 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 08 02 01 | Waste coating powders |
| 08 02 02 | Aqueous sludges containing ceramic materials |
| 08 02 03 | Aqueous suspensions containing ceramic materials |
| 08 03 07 | Aqueous sludges containing ink |
| 08 03 08 | Aqueous liquid waste containing ink |
| 08 03 12* | Waste ink containing hazardous substances |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | Ink sludges containing hazardous 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 hazardous substances |
| 08 03 18 | Waste printing toner other than those mentioned in 08 03 17 |
| 08 04 09* | Waste adhesives and sealants containing organic solvents or other hazardous 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 hazardous 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 hazardous 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 hazardous substances |
| 08 04 16 | Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 09 01 01* | Water-based developer and activator solutions |
| 09 01 02* | Water-based offset plate developer solutions |
| 09 01 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 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 09 01 13* | Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| 10 01 01 | Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | Coal fly ash |
| 10 01 03 | Fly ash from peat and untreated wood |
| 10 01 04* | Oil fly ash and boiler dust |
| 10 01 05 | Calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | Calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 09* | Sulphuric acid |
| 10 01 13* | Fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | Bottom ash, slag and boiler dust from con-incineration containing hazardous 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 hazardous 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 hazardous 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 hazardous 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 hazardous substances |
| 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 25 | Wastes from fuel storage and preparation of coal-fired power stations |
| 10 01 26 | Wastes from cooling-water treatment |
| 10 02 01 | Wastes from the processing of slag |
| 10 02 02 | Unprocessed slag |
| 10 02 07* | Solid wastes from gas treatment containing hazardous 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 hazardous 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 02 | Anode scraps |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 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 hazardous 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 hazardous substances |
| 10 03 22 | Other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 23* | Solid wastes from gas treatment containing hazardous 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 hazardous substances. |
| 10 03 26 | Sludges and filter cakes from gas treatment other than those mentioned in 10 02 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 02 27 |
| 10 03 29* | Waste from the treatment of salt slags and black drosses containing hazardous substances |
| 10 03 30 | Waste from the treatment of salt slags and black drosses other than those mentioned in 10 02 29 |
| 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 01 | Slags from primary and secondary production |
| 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 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 11 | Dross and skimmings other than those mentioned in 10 05 10 |
| 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 01 | Slags from primary and secondary production |
| 10 07 02 | Dross and skimmings from primary and secondary production |
| 10 07 03 | Solid wastes from gas treatment |
| 10 07 04 | Other particulates and dust |
| 10 07 05 | Sludges and filter cakes from gas treatment |
| 10 07 07* | Wastes from cooling-water treatment containing oil |
| 10 07 08 | Wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 04 | Particulates and dust |
| 10 08 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 13 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | Anode scraps |
| 10 08 15* | Flue-gas dust containing hazardous 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 hazardous substances |
| 10 08 18 | Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 19* | Wastes from cooling-water treatment containing oil |
| 10 08 20 | Wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 03 | Furnace slag |
| 10 09 05* | Casting cores and moulds which have not undergone pouring containing hazardous substances |
| 10 09 06 | Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 10 09 07* | Casting cores and moulds which have undergone pouring containing hazardous 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 hazardous substances |
| 10 09 10 | Flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 11* | Other particulates containing hazardous substances |
| 10 09 12 | Other particulates other than those mentioned in 10 09 11 |
| 10 09 13* | Waste binders containing hazardous substances |
| 10 09 14 | Waste binders other than those mentioned in 10 09 13 |
| 10 09 15* | Waste crack-indicating agent containing hazardous substances |
| 10 09 16 | Waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 03 | Furnace slag |
| 10 10 05* | Casting cores and moulds which have not undergone pouring containing hazardous 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 hazardous 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 hazardous substances |
| 10 10 10 | Flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 11* | Other particulates containing hazardous substances |
| 10 10 12 | Other particulates other than those mentioned in 10 10 11 |
| 10 10 13* | Waste binders containing hazardous substances |
| 10 10 14 | Waste binders other than those mentioned in 10 10 13 |
| 10 10 15* | Waste crack-indicating agent containing hazardous substances |
| 10 10 16 | Waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 03 | Waste glass-based fibrous material |
| 10 11 05 | Particulates and dust |
| 10 11 09* | Waste preparation mixture before thermal processing, containing hazardous 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 hazardous substances |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 hazardous 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 hazardous 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 hazardous substances |
| 10 11 20 | Solids from on-site effluent treatment other than those mentioned in 07 03 11 |
| 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 hazardous 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 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 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 hazardous 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 |
| 11 01 05* | Pickling acids |
| 11 01 06* | Acids not otherwise specified |
| 11 01 07* | Pickling bases |
| 11 01 08* | Phosphatising sludges |
| 11 01 09* | Sludges and filter cakes containing hazardous substances |
| 11 01 10 | Sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | Aqueous rinsing liquids containing hazardous substances |
| 11 01 12 | Aqueous rinsing liquids other than those mentioned in 11 01 11 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 11 01 13* | Degreasing wastes containing hazardous 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 hazardous substances |
| 11 01 16* | Saturated or spent ion exchange resins |
| 11 01 98* | Other wastes containing hazardous substances |
| 11 02 02* | Sludges from zinc hydrometallurgy |
| 11 02 03 | Wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | Wastes from copper hydrometallurgical processes containing hazardous substances |
| 11 02 06 | Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | Other wastes containing hazardous substances |
| 11 03 01* | Wastes containing cyanide |
| 11 03 02* | Other wastes |
| 11 05 01 | Hard zinc |
| 11 05 02 | Zinc ash |
| 11 05 03* | Solid wastes from gas treatment |
| 11 05 04* | Spent flux |
| 12 01 08* | Machining emulsions and solutions containing halogens |
| 12 01 09* | Machining emulsions and solutions free of halogens |
| 12 01 13 | Welding wastes |
| 12 01 14* | Machining sludges containing hazardous substances |
| 12 01 15 | Machining sludges other than those mentioned in 12 01 14 |
| 12 01 16* | Waste blasting material containing hazardous substances |
| 12 01 17 | Waste blasting material other than those mentioned in 12 01 17 |
| 12 01 18* | Metal sludges (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | Readily biodegradable machining oil |
| 12 01 20* | Spent grinding bodies and grinding materials containing hazardous substances |
| 12 01 21* | Spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| 12 03 01* | Aqueous washing liquids |
| 12 03 02* | Steam degreasing wastes |
| 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 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 02 03 | Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 01 12 | Brake pads other than those mentioned in 16 01 11 |
| 16 01 13* | Brake fluids |
| 16 01 14* | Antifreeze fluids containing hazardous substances |
| 16 01 15 | Antifreeze fluids other than those mentioned in 16 01 14 |
| 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 14 | Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | Components removed from discarded equipment other than those mentioned in 16 02 15 |
| 16 03 03* | Inorganic wastes containing hazardous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | Organic wastes containing hazardous substances |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 16 05 06* | Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 07* | Discarded inorganic chemicals consisting of or containing hazardous substances |
| 16 05 08* | Discarded organic chemicals consisting of or containing hazardous substances |
| 16 05 09 | Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 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 09* | Wastes containing other hazardous substances |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 16 08 02* | Spent containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 03 | Spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | Spent fluid 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 hazardous 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 01* | Aqueous liquid wastes containing hazardous substances |
| 16 10 02 | Aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | Aqueous concentrates containing hazardous substances |
| 16 10 04 | Aqueous concentrates other than those mentioned in 16 10 03 |
| 16 11 01* | Carbon-based linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 02 | Carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 02 |
| 16 11 03* | Other linings and refractories from metallurgical processes containing hazardous 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 hazardous substances |
| 16 11 06 | Linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05 |
| 17 01 06* | Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances |
| 17 01 07 | Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 05 03* | Soil and stones containing hazardous substances |
| 17 05 04 | Soil and stones other than those mentioned in 17 05 03 |
| 17 05 05* | Dredging spoil containing hazardous substances |
| 17 05 06 | Dredging spoil other than those mentioned in 17 05 05 |
| 17 08 01* | Gypsum-based construction materials contaminated with hazardous substances |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 01 06* | Chemicals consisting of or containing hazardous substances |
| 18 01 07 | Chemicals other than those mentioned in 18 01 06 |
| 18 02 05* | Chemicals consisting of or containing hazardous substances |
| 18 02 06 | Chemicals other than those mentioned in 18 02 05 |
| 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 hazardous substances |
| 19 01 12 | Bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 13* | Fly ash containing hazardous substances |
| 19 01 14 | Fly ash other than those mentioned in 19 01 13 |
| 19 01 15* | Boiler dust containing hazardous substances |
| 19 01 16 | Boiler dust other than those mentioned in 19 01 15 |
| 19 01 17* | Pyrolysis wastes containing hazardous substances |
| 19 01 18 | Pyrolysis wastes other than those mentioned in 19 01 |
| 19 01 19 | Sands from fluidised beds |
| 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 hazardous substances |
| 19 02 06 | Sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 08* | Liquid combustible wastes containing hazardous substances |
| 19 02 09* | Solid combustible wastes containing hazardous substances |
| 19 02 10 | Solid combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | Other wastes containing hazardous substances |
| 19 03 04* | Wastes marked as hazardous, partly stabilised |
| 19 03 06* | Wastes marked as hazardous, solidified |
| 19 03 07 | Solidified wastes other than those mentioned in 19 03 06 |
| 19 04 02* | Fly ash and other flue-gas treatment wastes |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 19 04 03* | Non-vitrified solid phase |
| 19 04 04 | Aqueous liquid wastes from vitrified waste tempering |
| 19 05 01 | Non-composted fraction of municipal and similar wastes |
| 19 05 02 | Non-composted fraction of animal and vegetable waste |
| 19 05 03 | Off-specification compost |
| 19 06 03 | Liquor from anaerobic treatment of municipal waste |
| 19 06 04 | Digestate from anaerobic treatment of municipal waste |
| 19 06 05 | Liquor from anaerobic treatment of animal and vegetable waste |
| 19 06 06 | Digestate from anaerobic treatment of animal and vegetable waste |
| 19 07 02* | Landfill leachate containing hazardous substances |
| 19 07 03 | Landfill leachate other than those mentioned in 19 07 02 |
| 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 the 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 |
| 19 08 11* | Sludges containing hazardous 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 hazardous 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 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 | Solution and sludges from regeneration of ion exchangers |
| 19 10 01 | Iron and steel waste |
| 19 10 02 | Non-ferrous waste |
| 19 10 04 | Fluff-light fraction and dust other than those mentioned in 19 10 03 |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 19 10 05* | Other fractions containing hazardous substances |
| 19 10 06 | Other fractions other than those mentioned in 19 10 05 |
| 19 11 01* | Spent filter clays |
| 19 11 03* | Aqueous liquid wastes |
| 19 11 04* | Wastes from cleaning of fuel with bases |
| 19 11 05* | Sludges from on-site effluent treatment containing hazardous substances |
| 19 11 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 03 | Non-ferrous metal |
| 19 12 05 | Glass |
| 19 12 07 | Wood other than those 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 hazardous substances |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11 |
| 19 13 01* | Solid wastes from soil remediation containing hazardous substances |
| 19 13 02 | Solid wastes from soil remediation waste other than those mentioned in 19 13 01 |
| 19 13 03* | Sludges from soil remediation containing hazardous substances |
| 19 13 04 | Sludges from soil remediation waste other than those mentioned in 19 13 03 |
| 19 13 05* | Sludges from groundwater remediation containing hazardous substances |
| 19 13 06 | Sludges from groundwater remediation waste other than those mentioned in 19 13 05 |
| 19 13 07* | Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| 19 13 08 | Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 01 | Paper and cardboard |
| 20 01 02 | Glass |
| 20 01 10 | Clothes |
| 20 01 11 | Textiles |
| 20 01 13* | Solvents |

| Table S2.4 Permitted waste types and quantities for materials solidification process and ash conditioning | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR7 – AR10, AR33 and AR34 of Table S1.1 shall be less than 146,000 tonnes a year.** |
| **Waste code** | **Description** |
| 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 hazardous substances |
| 20 01 28 | Paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | Detergents containing hazardous 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 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 36 | Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | Wood other than that mentioned in 20 01 37 |
| 20 01 39 | Plastics |
| 20 01 40 | Metals |
| 20 01 41 | Wastes from chimney sweeping |
| 20 02 01 | Biodegradable waste |
| 20 02 02 | Soil and stones |
| 20 02 03 | Other non-biodegradable wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 02 | Waste from markets |
| 20 03 03 | Street-cleaning residue |
| 20 03 07 | Bulky wastes |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 01 03 04* | Acid generating tailings from processing of sulphide ore |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 01 03 05* | Other tailings containing hazardous substances |
| 01 03 07* | Other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals. |
| 01 04 07* | Wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals |
| 01 05 05* | Oil-containing drilling muds and wastes |
| 01 05 06* | Drilling muds and other drilling wastes containing hazardous substances |
| 02 01 08* | Agrochemical waste containing hazardous substances |
| 03 01 04* | Sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances |
| 03 02 01* | Non-halogenated organic wood preservatives |
| 03 02 02* | Non-halogenated organic wood preservatives |
| 03 02 03* | Organometallic wood preservatives |
| 03 02 04* | Inorganic wood preservatives |
| 03 02 05* | Other wood preservatives containing hazardous substances |
| 04 01 03* | Degreasing wastes containing solvents without a liquid phase |
| 04 02 14* | Wastes from finishing containing organic solvents |
| 04 02 16* | Dyestuffs and pigments containing hazardous substances |
| 04 02 19* | Sludges from on-site effluent treatment containing hazardous substances |
| 05 01 02* | Desalter sludges |
| 05 01 03* | Tank bottom sludges |
| 05 01 04* | Acid alkyl sludges |
| 05 01 05* | Oil spills |
| 05 01 06* | Oily sludges from maintenance operations of the plant or equipment |
| 05 01 07* | Acid tars |
| 05 01 08* | Other tars |
| 05 01 09* | Sludges from on-site effluent treatment containing hazardous substances |
| 05 01 11* | Wastes from cleaning of fuels with bases |
| 05 01 12* | Oil containing acids |
| 05 01 15* | Spent filter clays |
| 05 06 01* | Acid tars |
| 05 06 03* | Other tars |
| 05 07 01* | Wastes containing mercury |
| 06 01 01* | Sulphuric and sulphurous acid |
| 06 01 02* | Hydrochloric acid |
| 06 01 03* | Hydrofluoric acid |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 06 01 04* | Phosphoric and phosphorous acid |
| 06 01 05* | Nitric and nitrous acid |
| 06 01 06* | Other acids |
| 06 02 01* | Calcium hydroxide |
| 06 02 03* | Ammonium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |
| 06 02 05* | Other bases |
| 06 03 11* | Solid salts and solutions containing cyanides |
| 06 03 13* | Solid salts and solutions containing heavy metals |
| 06 03 15* | Metallic oxides containing heavy metals |
| 06 04 03* | Wastes containing arsenic |
| 06 04 04* | Wastes containing mercury |
| 06 04 05* | Wastes containing other heavy metals |
| 06 05 02* | Sludges from on-site effluent treatment containing hazardous substances |
| 06 06 02* | Wastes containing hazardous sulphides |
| 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 02* | Wastes containing hazardous silicones |
| 06 09 03* | Calcium-based reaction wastes containing or contaminated with hazardous substances |
| 06 10 02* | Wastes containing hazardous substances |
| 06 13 01* | Inorganic plant protection products, wood-preserving agents and other biocides |
| 06 13 02* | Spent activated carbon |
| 06 13 04* | Wastes from asbestos processing |
| 06 13 05* | Soot |
| 07 01 01* | Aqueous washing liquids and mother liquors |
| 07 01 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 01 04* | Other Organic solvents, washing liquids and mother liquors |
| 07 01 07* | Halogenated still bottoms and reaction residues |
| 07 01 08* | Other still bottoms and reaction residues |
| 07 01 09* | Halogenated filter cakes and spent absorbents |
| 07 01 10* | Other filter cakes and spent absorbents |
| 07 01 11* | Sludges from on-site effluent treatment containing hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **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 07* | Halogenated still bottoms and reaction residues |
| 07 02 08* | Other still bottoms and reaction residues |
| 07 02 09* | Halogenated filter cakes and spent absorbents |
| 07 02 10* | Other filter cakes and spent absorbents |
| 07 02 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 02 14* | Wastes from additives containing hazardous substances |
| 07 02 16* | Wastes containing hazardous silicones |
| 07 03 01* | Aqueous washing liquids and mother liquors |
| 07 03 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | Other organic solvents, washing liquids and mother liquors |
| 07 03 07* | Halogenated still bottoms and reaction residues |
| 07 03 08* | Other still bottoms and reaction residues |
| 07 03 09* | Halogenated filter cakes and spent absorbents |
| 07 03 10* | Other filter cakes and spent absorbents |
| 07 03 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 04 01* | Aqueous washing liquids and mother liquors |
| 07 04 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 04 04* | Other organic solvents, washing liquids and mother liquors |
| 07 04 07* | Halogenated still bottoms and reaction residues |
| 07 04 08* | Other still bottoms and reaction residues |
| 07 04 09* | Halogenated filter cakes and spent absorbents |
| 07 04 10* | Other filter cakes and spent absorbents |
| 07 04 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 04 13* | Solids wastes containing hazardous substances |
| 07 05 01* | Aqueous liquids and mother liquors |
| 07 05 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 05 04* | Other organic solvents, washing liquids and mother liquors |
| 07 05 07* | Halogenated still bottoms and reaction residues |
| 07 05 08* | Other still bottoms and reaction residues |
| 07 05 09* | Halogenated filter cakes and spent absorbents |
| 07 05 10* | Other filter cakes and spent absorbents |
| 07 05 11* | Sludges from on-site effluent treatment containing hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 07 05 13* | Solid wastes containing hazardous substances |
| 07 06 01* | Aqueous liquids and mother liquors |
| 07 06 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 06 04* | Other organic solvents, washing liquids and mother liquors |
| 07 06 07* | Halogenated still bottoms and reaction residues |
| 07 06 08* | Other still bottoms and reaction residues |
| 07 06 09* | Halogenated filter cakes and spent absorbents |
| 07 06 10* | Other filter cakes and spent absorbents |
| 07 06 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 07 07 01* | Aqueous liquids and mother liquors |
| 07 07 03* | Organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | Other organic solvents, washing liquids and mother liquors |
| 07 07 07* | Halogenated still bottoms and reaction residues |
| 07 07 08* | Other still bottoms and reaction residues |
| 07 07 09* | Halogenated filter cakes and spent absorbents |
| 07 07 10* | Other filter cakes and spent absorbents |
| 07 07 11* | Sludges from on-site effluent treatment containing hazardous substances |
| 08 01 11* | Waste paint or varnish containing organic solvents or other hazardous substances |
| 08 01 13* | Sludges from paint or varnish containing organic solvents or other hazardous substances |
| 08 01 15* | Aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 17* | Wastes from paint or varnish removal containing organic solvents or other hazardous substances |
| 08 01 19* | Aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 21* | Waste paint or varnish remover |
| 08 03 12* | Waste ink containing hazardous substances |
| 08 03 14* | Ink sludges containing hazardous substances |
| 08 03 16* | Waste etching solutions |
| 08 03 17* | Waste printing toner containing hazardous substances |
| 08 03 19* | Disperse oil |
| 08 04 09* | Waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 11* | Adhesive and sealant sludges containing organic solvents or other hazardous substances |
| 08 04 13* | Aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 08 04 15* | Aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 17* | Rosin oil |
| 08 05 01* | Waste isocyanates |
| 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 13* | Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| 10 01 04* | Oil fly ash and boiler dust |
| 10 01 09* | Sulphuric acid |
| 10 01 13* | Fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | Bottom ash, slag and boiler dust from con-incineration containing hazardous substances |
| 10 01 16* | Fly-ash from co-incineration containing hazardous substances |
| 10 01 18* | Wastes from gas cleaning containing hazardous substances |
| 10 01 20* | Sludges from on-site effluent treatment containing hazardous substances |
| 10 01 22* | Aqueous sludges from boiler cleansing containing hazardous substances |
| 10 02 07* | Solid wastes from gas treatment containing hazardous substances |
| 10 02 11* | Wastes from cooling-water treatment containing oil |
| 10 02 13* | Sludges and filter cakes from gas treatment containing hazardous substances |
| 10 03 04* | Primary production slags |
| 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 hazardous quantities |
| 10 03 17* | Tar-containing wastes from anode manufacture |
| 10 03 19* | Flue-gas dust containing hazardous substances |
| 10 03 21* | Other particulates and dust (including ball-mill dust) containing hazardous substances |
| 10 03 23* | Solid wastes from gas treatment containing hazardous substances |
| 10 03 25* | Sludges and filter cakes from gas treatment containing hazardous substances. |
| 10 03 27* | Wastes from cooling-water treatment containing oil |
| 10 03 29* | Waste from the treatment of salt slags and black drosses containing hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 10 04 01* | Slags from primary and secondary production |
| 10 04 02* | Dross and skimmings from primary and secondary production |
| 10 04 03* | Calcium arsenate |
| 10 04 04* | Flue-gas dust |
| 10 04 05* | Other particulates and dust |
| 10 04 06* | Solid wastes from gas treatment |
| 10 04 07* | Sludges and filter cakes from gas treatment |
| 10 04 09* | Wastes from cooling-water treatment containing oil |
| 10 05 03* | Flue-gas dust |
| 10 05 05* | Solid wastes from gas treatment |
| 10 05 06* | Sludges and filter cakes from gas treatment |
| 10 05 08* | Wastes from cooling-water treatment containing oil |
| 10 05 10* | Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 06 03* | Flue-gas dust |
| 10 06 06* | Solid wastes from gas treatment |
| 10 06 07* | Sludges and filter cakes from gas treatment |
| 10 06 09* | Wastes from cooling-water treatment containing oil |
| 10 07 07* | Wastes from cooling-water treatment containing oil |
| 10 08 08* | Salt slag from primary and secondary production |
| 10 08 10* | Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 08 15* | Flue-gas dust containing hazardous substances |
| 10 08 17* | Sludges and filter cakes from flue-gas treatment containing hazardous substances |
| 10 08 19* | Wastes from cooling-water treatment containing oil |
| 10 09 05* | Casting cores and moulds which have not undergone pouring containing hazardous substances |
| 10 09 07* | Casting cores and moulds which have undergone pouring containing hazardous substances |
| 10 09 09* | Flue-gas dust containing hazardous substances |
| 10 09 11* | Other particulates containing hazardous substances |
| 10 09 13* | Waste binders containing hazardous substances |
| 10 09 15* | Waste crack-indicating agent containing hazardous substances |
| 10 10 05* | Casting cores and moulds which have not undergone pouring containing hazardous substances |
| 10 10 07* | Casting cores and moulds which have undergone pouring containing hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 10 10 09* | Flue-gas dust containing hazardous substances |
| 10 10 11* | Other particulates containing hazardous substances |
| 10 10 13* | Waste binders containing hazardous substances |
| 10 10 15* | Waste crack-indicating agent containing hazardous substances |
| 10 11 09* | Waste preparation mixture before thermal processing, containing hazardous substances |
| 10 11 11* | Waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 13* | Glass-polishing and –grinding sludge containing hazardous substances |
| 10 11 15* | Solid wastes from flue-gas treatment containing hazardous substances |
| 10 11 17* | Sludges and filter cake from flue-gas treatment containing hazardous substances |
| 10 11 19* | Solids from on-site effluent treatment containing hazardous substances |
| 10 12 09* | Solid wastes from gas treatment containing hazardous substances |
| 10 12 11* | Wastes from glazing containing heavy metals |
| 10 13 09* | Wastes from asbestos-cement manufacture containing asbestos |
| 10 13 12* | Solid wastes from gas treatment containing hazardous substances |
| 10 14 01* | Waste from gas cleaning containing mercury |
| 11 01 05* | Pickling acids |
| 11 01 06* | Acids not otherwise specified |
| 11 01 07* | Pickling bases |
| 11 01 08* | Phosphatising sludges |
| 11 01 09* | Sludges and filter cakes containing hazardous substances |
| 11 01 11* | Aqueous rinsing liquids containing hazardous substances |
| 11 01 13* | Degreasing wastes containing hazardous substances |
| 11 01 15* | Eluate and sludges from membrane systems or ion exchange systems containing hazardous substances |
| 11 01 16* | Saturated or spent ion exchange resins |
| 11 01 98* | Other wastes containing hazardous substances |
| 11 02 02* | Sludges from zinc hydrometallurgy |
| 11 02 05* | Wastes from copper hydrometallurgical processes containing hazardous substances |
| 11 02 07* | Other wastes containing hazardous substances |
| 11 03 01* | Wastes containing cyanide |
| 11 03 02* | Other wastes |
| 11 05 03* | Solid wastes from gas treatment |
| 11 05 04* | Spent flux |
| 12 01 06* | Mineral based machining oils containing halogens (except emulsions and solutions) |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **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 hazardous substances |
| 12 01 16* | Waste blasting material containing hazardous substances |
| 12 01 18* | Metal sludges (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | Readily biodegradable machining oil |
| 12 01 20* | Spent grinding bodies and grinding materials containing hazardous substances |
| 12 01 21* | Spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| 12 03 01* | Aqueous washing liquids |
| 12 03 02* | Steam degreasing wastes |
| 13 01 01* | Hydraulic oils, containing PCBs |
| 13 01 04* | Chlorinated emulsions |
| 13 01 05* | Non-chlorinated emulsions |
| 13 01 09* | Mineral-based chlorinated hydraulic oils |
| 13 01 10* | Mineral-based non-chlorinated hydraulic oils |
| 13 01 11* | Synthetic hydraulic oils |
| 13 01 12* | Readily biodegradable hydraulic oils |
| 13 01 13* | Other hydraulic oils |
| 13 02 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 01* | Insulating or heat transmission oils containing PCBs |
| 13 03 06* | Mineral-based chlorinated insulating or heat transmission oils other than those mentioned in 13 03 01 |
| 13 03 07* | Mineral-based non-chlorinated insulating or heat transmission oils |
| 13 03 08* | Synthetic insulating and heat transmission oils |
| 13 03 09* | Readily biodegradable insulating and heat transmission oils |
| 13 03 10* | Other insulating and heat transmission oils |
| 13 04 01* | Bilge oils from inland navigation |
| 13 04 02* | Bilge oils from jetty sewers |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 13 04 03* | Bilge oils from other navigation |
| 13 05 01* | Solids from grit chambers and oil/water separators |
| 13 05 02* | Sludges from oil/water separators |
| 13 05 03* | Interceptor sludges |
| 13 05 06* | Oil from oil/water separators |
| 13 05 07* | Oily water from oil/water separators |
| 13 05 08* | Mixtures of wastes from grit chambers and oil/water separators |
| 13 07 01* | Fuel oil and diesel |
| 13 07 02* | Petrol |
| 13 07 03* | Other fuels (including mixtures) |
| 13 08 01* | Desalter sludges or emulsions |
| 13 08 02* | Other emulsions |
| 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 01 10* | Packaging containing residues or contaminated by hazardous substances |
| 15 01 11* | Metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers |
| 15 02 02* | Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances |
| 16 01 07* | Oil filters |
| 16 01 08* | Components containing mercury |
| 16 01 10* | Explosive components (for example air bags) |
| 16 01 11* | Brake pads containing asbestos |
| 16 01 13* | Brake fluids |
| 16 01 14* | Antifreeze fluids containing hazardous substances |
| 16 01 21* | Hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 02 09* | Transformers and capacitors containing PCBs |
| 16 02 10* | Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09 |
| 16 02 11* | Discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 12* | Discarded equipment containing free asbestos |
| 16 02 13* | Discarded equipment containing components other than those mentioned in 16 02 09 to 16 02 12 |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 16 02 15* | Hazardous components removed from discarded equipment |
| 16 03 03* | Inorganic wastes containing hazardous substances |
| 16 03 05* | Organic wastes containing hazardous substances |
| 16 05 04* | Gases in pressure containers (including halons) containing hazardous substances |
| 16 05 06* | Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 07* | Discarded inorganic chemicals consisting of or containing hazardous substances |
| 16 05 08* | Discarded organic chemicals consisting of or containing hazardous substances |
| 16 06 01* | Lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | Mercury-containing batteries |
| 16 06 06* | Separately collected electrolyte from batteries and accumulators |
| 16 07 08* | Wastes containing oil |
| 16 07 09* | Wastes containing other hazardous substances |
| 16 08 02* | Spent catalysts containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 05* | Spent catalysts containing phosphoric acid |
| 16 08 06* | Spent liquids used as catalysts |
| 16 08 07* | Spent catalysts contaminated with hazardous substances |
| 16 09 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 01* | Aqueous liquid wastes containing hazardous substances |
| 16 10 03* | Aqueous concentrates containing hazardous substances |
| 16 11 01* | Carbon-based linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 03* | Other linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 05* | Linings and refractories from non-metallurgical processes containing hazardous substances |
| 17 01 06* | Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances |
| 17 02 04* | Glass, plastic and wood containing or contaminated with hazardous substances |
| 17 03 01* | Bituminous mixtures containing coal tar |
| 17 03 03* | Coal tar and tarred products |
| 17 04 09* | Metal waste contaminated with hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 17 05 03* | Soil and stones containing hazardous substances |
| 17 05 05* | Dredging spoil containing hazardous substances |
| 17 05 07* | Track ballast containing hazardous substances |
| 17 06 01* | Insulation materials containing asbestos |
| 17 06 03* | Other insulation materials consisting of or containing hazardous substances |
| 17 06 05* | Construction materials containing asbestos |
| 17 08 01* | Gypsum-based construction materials contaminated with hazardous substances |
| 17 09 01* | Construction and demolition wastes containing mercury |
| 17 09 02* | Construction and demolition wastes containing PCBs |
| 17 09 03* | Other construction and demolition wastes (including mixed wastes) containing hazardous substances |
| 18 01 06* | Chemicals consisting of or containing hazardous substances |
| 18 01 08* | Cytotoxic and cytostatic medicines |
| 18 01 10* | Amalgam waste from dental care |
| 18 02 05* | Chemicals consisting of or containing hazardous substances |
| 18 02 07* | Cytotoxic and cytostatic medicines |
| 19 01 05* | Filter cake from gas treatment |
| 19 01 06* | Aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | Solid wastes from gas treatment |
| 19 01 10* | Spent activated carbon from flue-gas treatment |
| 19 01 11* | Bottom ash and slag containing hazardous substances |
| 19 01 13* | Fly ash containing hazardous substances |
| 19 01 15* | Boiler dust containing hazardous substances |
| 19 01 17* | Pyrolysis wastes containing hazardous substances |
| 19 02 04* | Premixed wastes composed of at least one hazardous waste |
| 19 02 05* | Sludges from physico/chemical treatment containing hazardous substances |
| 19 02 07* | Oil and concentrates from separation |
| 19 02 08* | Liquid combustible wastes containing hazardous substances |
| 19 02 09* | Solid combustible wastes containing hazardous substances |
| 19 02 11* | Other wastes containing hazardous substances |
| 19 03 04* | Wastes marked as hazardous, partly stabilised |
| 19 03 06* | Wastes marked as hazardous, solidified |
| 19 04 02* | Fly ash and other flue-gas treatment wastes |
| 19 04 03* | Non-vitrified solid phase |
| 19 07 02* | Landfill leachate containing hazardous substances |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 19 08 06* | Saturated or spent ion exchange resins |
| 19 08 07* | Solutions and sludges from the regeneration of ion exchangers |
| 19 08 08* | Membrane system waste containing heavy metals |
| 19 08 10* | Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | Sludges containing hazardous substances from biological treatment of industrial waste water |
| 19 08 13* | Sludges containing hazardous substances from other treatment of industrial waste water |
| 19 10 03* | Fluff-light fraction and dust containing hazardous substances |
| 19 10 05* | Other fractions containing hazardous substances |
| 19 11 01* | Spent filter clays |
| 19 11 02* | Acid tars |
| 19 11 03* | Aqueous liquid wastes |
| 19 11 04* | Wastes from cleaning of fuel with bases |
| 19 11 05* | Sludges from on-site effluent treatment containing hazardous substances |
| 19 11 07* | Wastes from flue-gas cleaning |
| 19 12 06* | Wood containing hazardous substances |
| 19 12 11* | Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| 19 13 01* | Solid wastes from soil remediation containing hazardous substances |
| 19 13 03* | Sludges from soil remediation containing hazardous substances |
| 19 13 05* | Sludges from groundwater remediation containing hazardous substances |
| 19 13 07* | Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| 20 01 13* | Solvents |
| 20 01 14* | Acids |
| 20 01 15* | Alkalines |
| 20 01 17* | Photochemicals |
| 20 01 19* | Pesticides |
| 20 01 21* | Fluorescent tubes and other mercury-containing waste |
| 20 01 23* | Discarded equipment containing chlorofluorocarbons |
| 20 01 26* | Oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | Paint, inks, adhesives and resins containing hazardous substances |
| 20 01 29* | Detergents containing hazardous substances |
| 20 01 31* | Cytotoxic and cytostatic medicines |

| Table S2.5 Permitted waste types and quantities for storage (hazardous waste) and treatment/transfer operations (oil-water/solvent separation and repackaging of hazardous waste) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20 and AR27 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 20 01 33* | Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 35* | Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 37* | Wood containing hazardous substances |

| Table S2.6 Permitted waste types and quantities for IBC /container shredding and washing | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR12 - AR15, AR35 and AR36 of Table S1.1 shall be less than 7,300 tonnes a year.** |
| **Waste codes** | **Description** |
| 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 10* | Packaging containing residues or contaminated by hazardous substances |

| Table S2.7 Permitted waste types and quantities for the de-packaging operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR17, AR18 and AR38 of Table S1.1 shall be less than 20,000 tonnes a year.** |
| **Exclusions** | Wastes having any of the following characteristics shall not be accepted:<br>Consisting solely or mainly of dusts, powders or loose fibres; or putrescible wastes. |
| **Waste code** | **Description** |
| 02 01 08* | Agrochemical waste containing hazardous substances |
| 02 01 09 | Agrochemical waste other than those mentioned in 02 01 08 |
| 02 03 04 | Materials unsuitable for consumption or processing |
| 06 01 01* | Sulphuric acid and sulphurous acid |
| 06 01 02* | Hydrochloric acid |
| 06 01 03* | Hydrofluoric acid |
| 06 01 04* | Phosphoric and phosphorous acid |
| 06 01 05* | Nitric acid and nitrous acid |
| 06 01 06* | Other acids |
| 06 02 01* | Calcium hydroxide |
| 06 02 03* | Ammonium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |

| Table S2.7 Permitted waste types and quantities for the de-packaging operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR17, AR18 and AR38 of Table S1.1 shall be less than 20,000 tonnes a year.** |
| **Exclusions** | Wastes having any of the following characteristics shall not be accepted:<br>Consisting solely or mainly of dusts, powders or loose fibres; or putrescible wastes. |
| **Waste code** | **Description** |
| 06 02 05* | Other bases |
| 07 02 14* | Wastes from additives containing hazardous substances |
| 07 02 15 | Wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | Waste containing hazardous silicones |
| 07 02 17 | Waste containing silicones other than those mentioned in 07 02 16 |
| 07 05 13* | Solid wastes containing hazardous substances |
| 07 05 14 | Solid wastes other than those mentioned in 07 05 13 |
| 08 01 12 | Waste paint and varnish other than those mentioned in 08 01 11 |
| 08 03 08 | Aqueous liquid waste containing ink |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 18 | Waste printing toner other than those mentioned in 08 03 17 |
| 08 04 09* | Waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 10 | Waste adhesives and sealants other than those mentioned in 08 04 09 |
| 10 12 08 | Waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 13 01 | Waste preparation mixture before thermal processing |
| 10 13 04 | Wastes from calcination and hydration of lime |
| 10 13 14 | Waste concrete and concrete sludge |
| 16 03 03* | Inorganic wastes containing hazardous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | Organic wastes containing hazardous substances |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 17 08 01* | Gypsum-based construction materials contaminated with hazardous substances |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 19 02 03 | Premixed wastes composed only of non-hazardous wastes |
| 19 02 04* | Premixed wastes composed of at least one hazardous waste |
| 19 12 05 | Glass |
| 19 12 11* | Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 20 01 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 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 01 01 01 | Wastes from mineral metalliferous excavation |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 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 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 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 01 01 | Sludges from washing and cleaning |
| 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 09 | Agrochemical waste other than those mentioned in 02 01 08 |
| 02 01 10 | Waste metal |
| 02 02 01 | Sludges from washing and cleaning |
| 02 02 03 | Materials unsuitable for consumption or processing |
| 02 02 04 | Sludges from on-site effluent treatment |
| 02 03 01 | Sludges from washing, cleaning, peeling, centrifuging and separation |
| 02 03 02 | Wastes from preserving agents |
| 02 03 03 | Wastes from solvent extraction |
| 02 03 04 | Materials unsuitable for consumption or processing |
| 02 03 05 | Sludges from on-site effluent treatment |
| 02 04 01 | Soil from cleaning and washing beet |
| 02 04 02 | Off-specification calcium carbonate |
| 02 04 03 | Sludges from on-site effluent treatment |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 02 05 01 | Materials unsuitable for consumption or processing |
| 02 05 02 | Sludges from on-site effluent treatment |
| 02 06 01 | Materials unsuitable for consumption or processing |
| 02 06 02 | Wastes from preserving agents |
| 02 06 03 | Sludges from on-site effluent treatment |
| 02 07 01 | Wastes from washing cleaning and mechanical reduction of raw materials |
| 02 07 02 | Wastes from spirits distillation |
| 02 07 03 | Wastes from chemical treatment |
| 02 07 04 | Materials unsuitable for consumption or processing |
| 02 07 05 | Sludges from on-site effluent treatment |
| 03 01 01 | Waste bark and cork |
| 03 01 05 | Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 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 the 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 01 02 | Liming waste |
| 04 01 04 | Tanning liquor containing chromium |
| 04 01 05 | Tanning liquor free of chromium |
| 04 01 06 | Sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | Sludges, in particular from on-site effluent treatment free of chromium |
| 04 01 08 | Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium |
| 04 01 09 | Wastes from dressing and finishing |
| 04 02 09 | Wastes from composite materials (impregnated textile, elastomer, plastomer) |
| 04 02 10 | Organic matter from natural products (for example grease, wax) |
| 04 02 15 | Wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 17 | Dyestuffs and pigments other than those mentioned in 04 02 17 |
| 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 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 05 01 10 | Sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 13 | Boiler feedwater sludges |
| 05 01 14 | Wastes from cooling columns |
| 05 01 16 | Sulphur-containing wastes from petroleum desulphurisation |
| 05 01 17 | Bitumen |
| 05 06 04 | Waste from cooling columns |
| 05 07 02 | Wastes containing sulphur |
| 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 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 06 06 03 | Wastes containing sulphides other than those mentioned in 06 06 02 |
| 06 09 02 | Phosphorous slag |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 06 13 03 | Carbon black |
| 07 01 12 | Sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 12 | Sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | Waste plastic |
| 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 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 04 12 | Sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 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 14 |
| 07 06 12 | Sludges from on-site effluent treatment other than those mentioned in 07 06 11 |
| 07 07 12 | Sludges from on-site effluent treatment other than those mentioned in 07 07 11 |
| 08 01 12 | Waste paint or 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 01 | Waste coating powders |
| 08 02 02 | Aqueous sludges containing ceramic materials |
| 08 02 03 | Aqueous suspensions containing ceramic materials |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 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 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 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 |
| 10 01 01 | Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | Coal fly ash |
| 10 01 03 | Fly ash from peat and untreated wood |
| 10 01 05 | Calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | Calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 15 | Bottom ash, slag and boiler dust from 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 25 | Wastes from fuel storage and preparation of coal-fired power stations |
| 10 01 26 | Wastes from cooling-water treatment |
| 10 02 01 | Wastes from the processing of slag |
| 10 02 02 | Unprocessed slag |
| 10 02 08 | Solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | Mill scales |
| 10 02 12 | Wastes from cooling-water treatment other than those mentioned in 10 02 11 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 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 02 | Anode scraps |
| 10 03 05 | Waste alumina |
| 10 03 16 | Skimmings other than those mentioned in 10 03 15 |
| 10 03 18 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 20 | Flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 22 | Other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 24 | Solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 26 | Sludges and filter cakes from gas treatment other than those mentioned in 10 02 25 |
| 10 03 28 | Wastes from cooling-water treatment other than those mentioned in 10 02 27 |
| 10 03 30 | Waste from the treatment of salt slags and black drosses other than those mentioned in 10 02 29 |
| 10 04 10 | Wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 01 | Slags from primary and secondary production |
| 10 05 04 | Other particulates and dust |
| 10 05 09 | Wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 11 | Dross and skimmings other than those mentioned in 10 05 10 |
| 10 06 01 | Slags from primary and secondary production |
| 10 06 02 | Dross and skimmings from primary and secondary production |
| 10 06 04 | Other particulates and dust |
| 10 06 10 | Wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 01 | Slags from primary and secondary production |
| 10 07 02 | Dross and skimmings from primary and secondary production |
| 10 07 03 | Solid wastes from gas treatment |
| 10 07 04 | Other particulates and dust |
| 10 07 05 | Sludges and filter cakes from gas treatment |
| 10 07 08 | Wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 04 | Particulates and dust |
| 10 08 09 | Other slags |
| 10 08 11 | Dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 12 | Tar-containing wastes from anode manufacture |
| 10 08 13 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 10 08 14 | Anode scraps |
| 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 03 | Furnace slag |
| 10 09 06 | Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 08 | Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 10 | Flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 12 | Other particulates other than those mentioned in 10 09 11 |
| 10 09 14 | Waste binders other than those mentioned in 10 09 13 |
| 10 09 16 | Waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 03 | Furnace slag |
| 10 10 06 | Casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05 |
| 10 10 08 | Casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07 |
| 10 10 10 | Flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 12 | Other particulates other than those mentioned in 10 10 11 |
| 10 10 14 | Waste binders other than those mentioned in 10 10 13 |
| 10 10 16 | Waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 03 | Waste glass-based fibrous material |
| 10 11 05 | Particulates and dust |
| 10 11 10 | Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 12 | Waste glass other than those mentioned in 10 11 11 |
| 10 11 14 | Glass-polishing and –grinding sludge other than those mentioned in 10 11 13 |
| 10 11 16 | Solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 18 | Sludges and filter 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 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) |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 10 12 10 | Solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 12 | Wastes from glazing other than those mentioned in 10 12 11 |
| 10 12 13 | Sludge from on-site effluent treatment |
| 10 13 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 10 | Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 13 | Solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | Waste concrete and concrete sludge |
| 11 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 03 | Wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 06 | Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 05 01 | Hard zinc |
| 11 05 02 | Zinc ash |
| 12 01 01 | Ferrous metal filings and turnings |
| 12 01 02 | Ferrous metal dust and particles |
| 12 01 03 | Non-ferrous metal filings and turnings |
| 12 01 04 | Non-ferrous metal dust and particles |
| 12 01 05 | Plastics shavings and turnings |
| 12 01 13 | Welding wastes |
| 12 01 15 | Machining sludges other than those mentioned in 12 01 14 |
| 12 01 17 | Waste blasting material other than those mentioned in 12 01 17 |
| 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 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 15 02 03 | Absorbents, filter materials, wiping cloths, protective clothing other than those mentioned in 15 02 02 |
| 16 01 03 | End-of-life tyres |
| 16 01 12 | Brake pads other than those mentioned in 16 01 11 |
| 16 01 15 | Antifreeze fluids other than those mentioned in 16 01 14 |
| 16 01 16 | Tanks for liquefied gas |
| 16 01 17 | Ferrous metal |
| 16 01 18 | Non-ferrous metal |
| 16 01 19 | Plastic |
| 16 01 20 | Glass |
| 16 01 22 | Components not otherwise specified |
| 16 02 14 | Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | Components removed from discarded equipment other than those mentioned in 16 02 15 |
| 16 03 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 05 | Gases in pressure containers other than those mentioned in 16 05 04 |
| 16 05 09 | Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| 16 06 04 | Alkaline batteries (except 16 06 03) |
| 16 06 05 | Other batteries and accumulators |
| 16 08 01 | Spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 03 | Spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | Spent fluid cracking catalysts (except 16 08 07) |
| 16 10 02 | Aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 04 | Aqueous concentrates other than those mentioned in 16 10 03 |
| 16 11 02 | Carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 02 |
| 16 11 04 | Other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 06 | Linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05 |
| 17 01 01 | Concrete |
| 17 01 02 | Bricks |
| 17 01 03 | Tiles and ceramic |
| 17 01 07 | Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 17 02 01 | Wood |
| 17 02 02 | Glass |
| 17 02 03 | Plastic |
| 17 03 02 | Bituminous mixtures other than those mentioned in 17 03 01 |
| 17 04 01 | Copper, bronze and 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 10 | Cables containing oil, coal tar and other hazardous substances |
| 17 04 11 | Cables other than those mentioned in 17 04 10 |
| 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 06 04 | Insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 17 09 04 | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02, 17 09 03 |
| 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 07 | Chemicals other than those mentioned in 18 01 06 |
| 18 02 06 | Chemicals other than those mentioned in 18 02 05 |
| 19 01 02 | Ferrous materials removed from bottom ash |
| 19 01 12 | Bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 14 | Fly ash other than those mentioned in 19 01 13 |
| 19 01 16 | Boiler dust other than those mentioned in 19 01 15 |
| 19 01 18 | Pyrolysis wastes other than those mentioned in 19 01 |
| 19 01 19 | Sands from fluidised beds |
| 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 | Solid combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 03 05 | Stabilised wastes other than those mentioned in 19 03 04 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 19 03 07 | Solidified wastes other than those mentioned in 19 03 06 |
| 19 04 01 | Vitrified waste |
| 19 04 04 | Aqueous liquid wastes from vitrified waste tempering |
| 19 05 01 | Non-composted fraction of municipal and similar wastes |
| 19 05 02 | Non-composted fraction of animal and vegetable waste |
| 19 05 03 | Off-specification compost |
| 19 06 03 | Liquor from anaerobic treatment of municipal waste |
| 19 06 04 | Digestate from anaerobic treatment of municipal waste |
| 19 06 05 | Liquor from anaerobic treatment of animal and vegetable waste |
| 19 06 06 | Digestate from anaerobic treatment of animal and vegetable waste |
| 19 07 03 | Landfill leachate other than those mentioned in 19 07 02 |
| 19 08 01 | Screenings |
| 19 08 02 | Waste from desanding |
| 19 08 05 | Sludges from treatment of urban waste water |
| 19 08 09 | Grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 12 | Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 |
| 19 08 14 | Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 |
| 19 09 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 | Solution and sludges from regeneration of ion exchangers |
| 19 10 01 | Iron and steel waste |
| 19 10 02 | Non-ferrous waste |
| 19 10 04 | Fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 06 | Other fractions other than those mentioned in 19 10 05 |
| 19 11 06 | Sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 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 07 | Wood other than those mentioned in 19 12 06 |

| Table S2.8 Permitted waste types and quantities for non-hazardous waste storage, treatment and transfer operations | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for storage, treatment and transfer operations under AR11, AR16, AR19, AR20, AR29, AR37 and AR39 of Table S1.1 shall be less than 365,000 tonnes a year.** |
| **Waste codes** | **Description** |
| 19 12 08 | Textiles |
| 19 12 09 | Minerals (for example sand, stones) |
| 19 12 10 | Combustible waste (refuse derived fuel) |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11 |
| 19 13 02 | Solid wastes from soil remediation waste other than those mentioned in 19 13 01 |
| 19 13 04 | Sludges from soil remediation waste other than those mentioned in 19 13 03 |
| 19 13 06 | Sludges from groundwater remediation waste 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 01 01 | Paper and cardboard |
| 20 01 02 | Glass |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 10 | Clothes |
| 20 01 11 | Textiles |
| 20 01 25 | Edible oil and fat |
| 20 01 28 | Paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 30 | Detergents other than those mentioned in 20 01 29 |
| 20 01 32 | Medicines other than those mentioned in 20 01 31 |
| 20 01 34 | Batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 36 | Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | Wood other than that mentioned in 20 01 37 |
| 20 01 39 | Plastics |
| 20 01 40 | metals |
| 20 01 41 | Wastes from chimney sweeping |
| 20 02 01 | Biodegradable waste |
| 20 02 02 | Soil and stones |
| 20 02 03 | Other non-biodegradable 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 wastes |

| Table S2.9 Permitted waste types and quantities for high acidity treatment process. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR21 and AR22 of Table S1.1 shall be less than 70,000 tonnes a year. Waste with hazardous properties HP1 - Explosive, HP2 – Oxidising or HP9 – Infectious, not to be accepted into the process. No waste classified as HP3 to be accepted as a carrier waste.** |
| **Waste code** | **Description** |
| 05 01 11 | Wastes from cleaning of fuels with bases |
| 05 01 14 | Wastes from cooling columns |
| 05 06 04 | Waste from cooling columns |
| 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 01* | Calcium hydroxide |
| 06 02 04* | Sodium and potassium hydroxide |
| 06 02 05* | Other bases |
| 06 03 13* | Solid salts and solutions containing heavy metals |
| 06 03 14 | Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 04 05* | Wastes containing other heavy metals |
| 06 05 02* | Sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | Sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 07 01 01* | Aqueous washing liquids and mother liquors |
| 07 01 04* | Other Organic solvents, washing liquids and mother liquors |
| 07 01 08* | Other still bottoms and reaction residues |
| 07 01 11* | Sludges from on-site effluent treatment containing dangerous substances |
| 07 01 12 | Sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 01* | Aqueous washing liquids and mother liquors |
| 07 02 04* | Other organic solvents, washing liquids and mother liquors |
| 07 02 08* | Other still bottoms and reaction residues |
| 07 03 01* | Aqueous washing liquids and mother liquors |
| 07 03 04* | Other organic solvents, washing liquids and mother liquors |
| 07 03 08* | Other still bottoms and reaction residues |
| 07 04 01* | Aqueous washing liquids and mother liquors |
| 07 04 04* | Other organic solvents, washing liquids and mother liquors |
| 07 04 08* | Other still bottoms and reaction residues |
| 07 05 01* | Aqueous liquids and mother liquors |
| 07 05 04* | Other organic solvents, washing liquids and mother liquors |
| 07 05 08* | Other still bottoms and reaction residues |

| Table S2.9 Permitted waste types and quantities for high acidity treatment process. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR21 and AR22 of Table S1.1 shall be less than 70,000 tonnes a year. Waste with hazardous properties HP1 - Explosive, HP2 – Oxidising or HP9 – Infectious, not to be accepted into the process. No waste classified as HP3 to be accepted as a carrier waste.** |
| 07 06 01* | Aqueous liquids and mother liquors |
| 07 06 04* | Other organic solvents, washing liquids and mother liquors |
| 07 06 08* | Other still bottoms and reaction residues |
| 07 07 01* | Aqueous liquids and mother liquors |
| 07 07 04* | Other organic solvents, washing liquids and mother liquors |
| 07 07 08* | Other still bottoms and reaction residues |
| 08 01 11* | Waste paint or varnish containing organic solvents or other dangerous substances |
| 08 01 12 | Waste paint or varnish other than those mentioned in 08 01 11 |
| 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 02 | Aqueous sludges containing ceramic materials |
| 08 02 03 | Aqueous suspensions containing ceramic materials |
| 08 03 07 | Aqueous sludges containing ink |
| 08 03 08 | Aqueous liquid waste containing ink |
| 08 03 12* | Waste ink containing dangerous substances |
| 08 03 13 | Waste ink other than those mentioned in 08 03 12 |
| 08 03 16* | Waste etching solutions |
| 08 04 15* | Aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 16 | Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 09 01 01* | Water-based developer and activator solutions |
| 09 01 02* | Water-based offset plate developer solutions |
| 09 01 03* | Solvent-based developer solutions |
| 09 01 04* | Fixer solutions |
| 10 01 09* | Sulphuric acid |
| 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 26 | Wastes from cooling-water treatment |

| Table S2.9 Permitted waste types and quantities for high acidity treatment process. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR21 and AR22 of Table S1.1 shall be less than 70,000 tonnes a year. Waste with hazardous properties HP1 - Explosive, HP2 – Oxidising or HP9 – Infectious, not to be accepted into the process. No waste classified as HP3 to be accepted as a carrier waste.** |
| 10 02 12 | Wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 04 10 | Wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 09 | Wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 06 10 | Wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 08 | Wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 20 | Wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 11 01 05* | Pickling acids |
| 11 01 06* | Acids not otherwise specified |
| 11 01 07* | Pickling bases |
| 11 01 08* | Phosphatising sludges |
| 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 03 01* | Aqueous washing liquids |
| 12 03 02* | Steam degreasing wastes |
| 16 03 03* | Inorganic wastes containing dangerous substances |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 04 |
| 16 03 05* | Organic wastes containing dangerous substances |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 16 06 06* | Separately collected electrolyte from batteries and accumulators |
| 16 07 09* | Wastes containing other dangerous substances |
| 16 10 01* | Aqueous liquid wastes containing dangerous substances |
| 16 10 02 | Aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | Aqueous concentrates containing dangerous substances |
| 16 10 04 | Aqueous concentrates other than those mentioned in 16 10 03 |
| 19 01 06* | Aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 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 07 02* | Landfill leachate containing dangerous substances |
| 19 07 03 | Landfill leachate other than those mentioned in 19 07 02 |
| 19 11 02* | Acid tars |
| 19 11 03* | Aqueous liquid wastes |

| Table S2.9 Permitted waste types and quantities for high acidity treatment process. | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site under Activities AR21 and AR22 of Table S1.1 shall be less than 70,000 tonnes a year. Waste with hazardous properties HP1 - Explosive, HP2 – Oxidising or HP9 – Infectious, not to be accepted into the process. No waste classified as HP3 to be accepted as a carrier waste.** |
| 19 11 04* | Wastes from cleaning of fuels with bases |
| 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 waste other than those mentioned in 19 12 11 |
| 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 01 14* | Acids |
| 20 01 15* | Alkalines |
| 20 01 17* | Photochemicals |
| 20 01 27* | Paint, inks, adhesives and resins containing dangerous substances |
| 20 01 29* | Detergents containing dangerous substances |

# Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| Vents A1-A12, F3, F4 and RVI [labelled vents 1 – 11 on schedule 7 site plan (CE/055 issue 5)] | Reactor Vessels A1-A12,F3, F4 and RVI GAC filters | VOC's | 74ppm | Spot check | Daily | Handheld PID |
| Carbon filter vent [labelled vent 21 on schedule 7 site plan (CE/055 issue 5)] | Carbon filter outlet | Ethyl Acetate | 20 mg/m$^3$ | Hourly average | Weekly | CEN TS 13649 |
| | | Benzene | 2 mg/m$^3$ | | | |
| | | Chloroform | 20 mg/m$^3$ | | | |
| | | Toluene | 20 mg/m$^3$ | | | |
| | | p-xylene | 20 mg/m$^3$ | | | |
| | | o-xylene | 20 mg/m$^3$ | | | |
| | | Trichloroethylene | 20 mg/m$^3$ | | | |
| | | Tetrachloroethylene | 20 mg/m$^3$ | | | |
| Abatement plant vent thermal oxidiser stack 84 [labelled 28 on schedule 7 site plan (CE/055 issue 5)] | Stack serving the thermal oxidiser 84 | Hydrochloric acid (HCl) | 5 mg/m$^3$ | Average value of three consecutive measurements of at least 30 minutes each | 6 monthly | EN1911 |
| | | Total volatile organic carbon (TVOC) | 20 mg/m$^3$ | | | EN12619 |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (incl. Unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| S1 | Roof drainage from press house building | No parameters set | - | - | No monitoring required | No monitoring required |
| S2 | Outlet from stormwater management system | No parameters set | - | - | No monitoring required | No monitoring required |

| Table S3.3 Process monitoring requirements | | | | |
|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other specifications** |
| Temperature at receivers TICA 1503 and TICA 1504 | Temperature in reaction vessel | Continuous | Not applicable | Range in use 70 to 75ºC |
| Temperature indicators TICA – 1507, TT – 1505 and TT- 1506 | Treated slurry temperature | Continuous during discharge to output tank T-1504 | Not applicable | |
| Bund for storage tank T - 1501 and reaction vessel V – 1503 field VOC monitor | VOC in relation to L. E. L. | Continuous | Not applicable | |

# Schedule 4 – Reporting

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

| **Table S4.1 Reporting of monitoring data** | | | |
|---|---|---|---|
| **Parameter** | **Emission or monitoring point/reference** | **Reporting period** | **Period begins** |
| Emissions to air<br>Parameters as required by condition 3.5.1. | Vents A1-<br>A12,F3,<br>F4, RVI and 84.<br>Carbon filter vent [labelled vent 21 on schedule 7site plan (CE/055 issue 5)] | Every 12 months | Date of issue |

| **Table S4.2: Annual production/treatment** | |
|---|---|
| **Parameter** | **Units** |
| Quantity of waste landfilled | tonnes |
| Quantity of waste removed for discharge at other sites | tonnes |

| **Table S4.3 Performance parameters** | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Water usage | Annually | tonnes |
| | Annually | MWs |
| Total Lime 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 the Agency | 02/02/21 |
| Water usage | Form water usage1 or other form as agreed in writing by the Agency | 04/07/19 |
| Energy usage | Form energy 1 or other form as agreed in writing by the Agency | 04/07/19 |
| Waste Returns | Form RATS 1 or other form as agreed in writing by the Agency | 04/07/19 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by the Agency | 04/07/19 |

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

## Part A

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

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| **(b) Notification requirements for the breach of a limit** | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |

| (b) Notification requirements for the breach of a limit | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Measures taken, or intended to be taken, to stop the emission | |

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

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

# Part B – to be submitted as soon as practicable

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

| | |
|---|---|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

# Schedule 6 – Interpretation

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

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

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

“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.

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

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

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

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:

- 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
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables S2.2, S2.3, S2.4, S2.5, S2.6, S2.7, S2.8 and S2.9 for those tables, they have the meaning given below:

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

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

‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

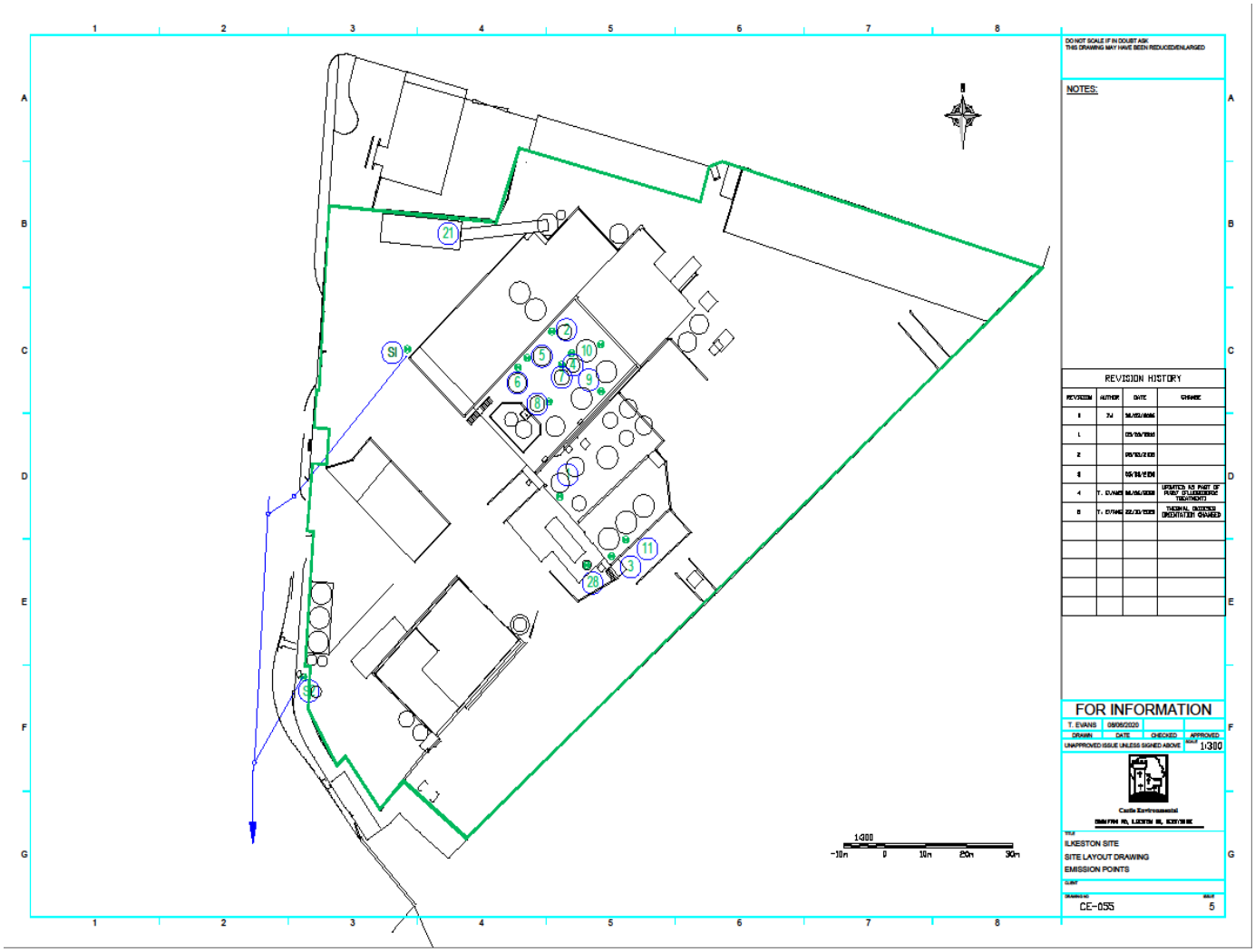
‘transition metals’ means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

‘stabilisation’ means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste

‘solidification’ means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste

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

# Schedule 7 – Site plan




END OF PERMIT

**Permit Number: EPR/AP3337SJ** **Operator: Castle Waste Services Limited**

**Facility: Ilkeston Waste Treatment and Transfer Facility** **Form Number: Air1 / 02/02/2021**

## 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] |
|---|---|---|---|---|---|---|---|
| Vents A1-A12,F3, F4 and RVI [labelled vents 1 – 11 on site plan CE/055 issue 5] | VOC as Total Organic Carbon (TOC) | 74ppm | Spot check | | | | |
| Carbon filter vent [labelled vent 21 on site plan CE/055 issue 5] | Ethyl Acetate | 20 mg/m$^3$ | Hourly average | | CEN TS 13649 | | |
| | Benzene | 2 mg/m$^3$ | | | | | |
| | Chloroform | 20 mg/m$^3$ | | | | | |
| | Toluene | 20 mg/m$^3$ | | | | | |
| | p-xylene | 20 mg/m$^3$ | | | | | |
| | o-xylene | 20 mg/m$^3$ | | | | | |
| | Trichloroethylene | 20 mg/m$^3$ | | | | | |
| | Tetrachloroethylene | 20 mg/m$^3$ | | | | | |
| Abatement plant vent thermal oxidiser stack 84 [labelled 28 on site plan CE/055 issue 5] | HCl | 5 mg/m$^3$ | | | EN1911 | | |
| | TVOC | 20 mg/m$^3$ | | | EN12619 | | |

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 the Environment Agency 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……..

(Authorised to sign as representative of Operator)

**Permit Number: EPR/AP3337SJ** **Operator: Castle Waste Services Limited**

**Facility: Ilkeston Waste Treatment and Transfer Facility** **Form Number: WaterUsage1 / 04/07/2019**

**Reporting of Water Usage for the year XXXX**

| **Water Source** | **Usage ($m^3$/year)** | **Specific Usage ($m^3$/unit output)** |
|---|---|---|
| Mains water | | |
| Site borehole | | |
| River abstraction | | |
| **TOTAL WATER USAGE** | | |

| Operator's comments: |
|---|
| |

Signed ……. Date……..

(authorised to sign as representative of Operator)

**Permit Number: EPR/AP3337SJ** **Operator: Castle Waste Services Limited**

**Facility: Ilkeston Waste Treatment and Transfer Facility** **Form Number: Energy1 / 04/07/2019**

## Reporting of Energy Usage for the year XXXX

| **Energy Source** | **Energy Usage** | | **Specific Usage (MWh/unit output)** |
|---|---|---|---|
| | **Quantity** | **Primary Energy (MWh)** | |
| Electricity * | MWh | | |
| Natural Gas | MWh | | |
| Gas Oil | tonnes | | |
| Recovered Fuel Oil | tonnes | | |
| **TOTAL** | **-** | | |

* Conversion factor for delivered electricity to primary energy = 2.4

| Operator's comments: |
|---|
| |

Signed ……. Date……..

(Authorised to sign as representative of Operator)

**Permit Number: EPR/AP3337SJ** **Operator: Castle Waste Services Limited**

**Facility: Ilkeston Waste Treatment and Transfer Facility** **Form Number: Performance1 / 04/07/2019**

**Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY**

| **Parameter** | **Units** |
|---|---|
| Total raw material used | tonnes |
| Total Lime used | tonnes |
| | |
| | |
| | |
| | |
| | |

| Operator's comments: |
|---|
| |

Signed ……. Date……..

(Authorised to sign as representative of Operator)