ENVIRONMENT AGENCY

# Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Stewartby Waste Management Facility

Veolia ES Onyx Ltd.
Green Lane
Stewartby
Bedfordshire
MK43 9LY

Permit number

QP3237SC

# STEWARTBY WASTE MANAGEMENT FACILITY
# Permit Number QP3237SC

## Introductory note

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

The main features of the installation are as follows.

The installation is located off Green Lane, Stewartby, Bedfordshire, MK43 9LY. The centre of the site is at National Grid Reference TL 0130 4289 and covers an area of approximately 2.5 Ha. The site is situated in an area of industrial and agricultural nature and is bordered on the Northwest side by Stewartby Landfill, on the East side by Stewartby Brickworks and on the South side by the Marston Vale Millenium country park.

The activities carried out at the site are as follow:

- Storage of hazardous and non-hazardous waste in various sized containers pending final disposal off site.
- Bulking, blending and repackaging of hazardous and non-hazardous waste.
- The site accepts a wide range of solid and liquid wastes (including pesticides, organic peroxides, water reactive compounds, chlorinated and non-chlorinated solvents, organic and inorganic acids and bases).

The site will be operated under strict controls and the operator has put a robust Environmental Monitoring System (EMS) in place to ensure that human health and the environment are protected.

We have reviewed the emissions from the site and have concluded that there are no point source emissions to either air, land or water from the activities carried out on site and therefore the impact on the environment and/or human health will be minimal.

| Status Log of the permit | | |
|---|---|---|
| **Detail** | **Date** | **Response Date** |
| Application QP3237SC | Duly made 26/08/2005 | |
| Application withdrawn | 03/11/2005 | |
| Application resubmitted by Veolia ES Onyx | Duly made 11/11/2005 | |
| Permit issued | 29/09/2006 | |

| Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation | | | |
|---|---|---|---|
| **Holder** | **Reference Number** | **Date of Issue** | **Fully or Partially Superseded** |
| Veolia ES Onyx Ltd. | EAWML 75018 | 29/05/2002 | Partially superseded |

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

| Other existing Licences/Authorisations/Registrations relating to this site | | |
|---|---|---|
| **Holder** | **Reference Number** | **Date of Issue** |
| Veolia ES Onyx Ltd. | EAWML75018 | 29/05/2002 |

**End of Introductory Note**

# Permit

Permit number
**QP3237SC**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby authorises
**Veolia ES Onyx Ltd.** ("the operator"),

whose registered office is
**Veolia House**
**154A Pentonville Road**
**London**
**N1 9PE**

company registration number **2481991**

to operate *an installation* at
**Green Lane**
**Stewartby**
**Bedfordshire**
**MK43 9LY**

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

| Signed | Date |
|---|---|
| | 29 SEPTEMBER 2006 |

**M J Peacock**

Authorised to sign on behalf of the Agency

# Conditions

# 1 Management

## 1.1 General management

1.1.1 The activities shall be managed and operated:

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

(b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

## 1.2 Accidents that may cause pollution

1.2.1 The operator shall:

(a) maintain and implement an accident management plan;

(b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;

(c) make any appropriate changes to the plan identified by a review.

## 1.3 Energy efficiency

1.3.1 The operator shall:

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

(b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and

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

## 1.4 Efficient use of raw materials

1.4.1 The operator shall:

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

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

(c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

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

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

1.5.1. The operator shall:

(a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;

(b) review and record at least every 4 years whether changes to those measures should be made; and

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

## 1.6 Site security

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

# 2. Operations

## 2.1 Permitted activities

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

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

## 2.2 The site

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

## 2.3 Operating techniques

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

2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

2.3.3 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 3 table(s) S3.2; and

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

(c) it is only processed in the activity specified in Table S1.1 of Schedule 1.

2.3.4 Records shall be kept of all waste accepted onto the site.

2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation(s) is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:

- The nature of the process producing the waste
- The composition of the waste
- The handling requirements of the waste
- The hazard classification associated with the waste
- The waste code of the waste

2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation(s) is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## 2.4 Off-site conditions

There are no off-site conditions under this section.

## 2.5 Improvement programme

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

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

## 2.6 Pre-operational conditions

There are no pre-operational conditions in this permit.

## 2.7 Closure and decommissioning

2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.

2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.

2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## 2.8 Site protection and monitoring programme

2.8.1 The operator shall, within 2 months of the issue of this permit, submit a site protection and monitoring programme.

2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

# 3. Emissions and monitoring

## 3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.

3.1.2 The limits given in schedule 4 shall not be exceeded.

## 3.2 Transfers off-site

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

## 3.3 Fugitive emissions of substances

3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.

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

## 3.4 Odour

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

## 3.5 Noise and vibration

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

## 3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:

(a) point source emissions specified in tables S4.1, S4.2 and S4.3;

3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.

3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.

3.6.5 Within 6 months of the issue of this permit (unless otherwise agreed in writing by the Agency) the site reference data identified in the site protection and monitoring programme shall be collected and submitted to the Agency.

# 4. Information

## 4.1 Records

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

(a) be legible;

(b) be made as soon as reasonably practicable;

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

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

(i) the site protection and monitoring programme.

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

4.1.3 All records required to be held by this permit shall be held on on-site, or for records older than 2 years at the Operational Head Office or Deep Storage Facility, and shall be available for inspection by the Agency at any reasonable time.

## 4.2 Reporting

4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 28 February (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;

(b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;

(c) the annual production / treatment data set out in schedule 5 table S5.2;

(d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and

(e) details of any contamination or decontamination of the site which has occurred.

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

(a) in respect of the parameters and emission points specified in schedule 5 table S5.1;

(b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4 ; and

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

4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency

4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

## 4.3 Notifications

4.3.1 The Agency shall be notified without delay following the detection of:

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

(b) the breach of a limit specified in the permit;

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.

4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:

(a) as soon as practicable prior to the permanent cessation of any of the activities;

(b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and

(c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.

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

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

4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.

4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.

4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.

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

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

(b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and

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

## 4.4 Interpretation

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

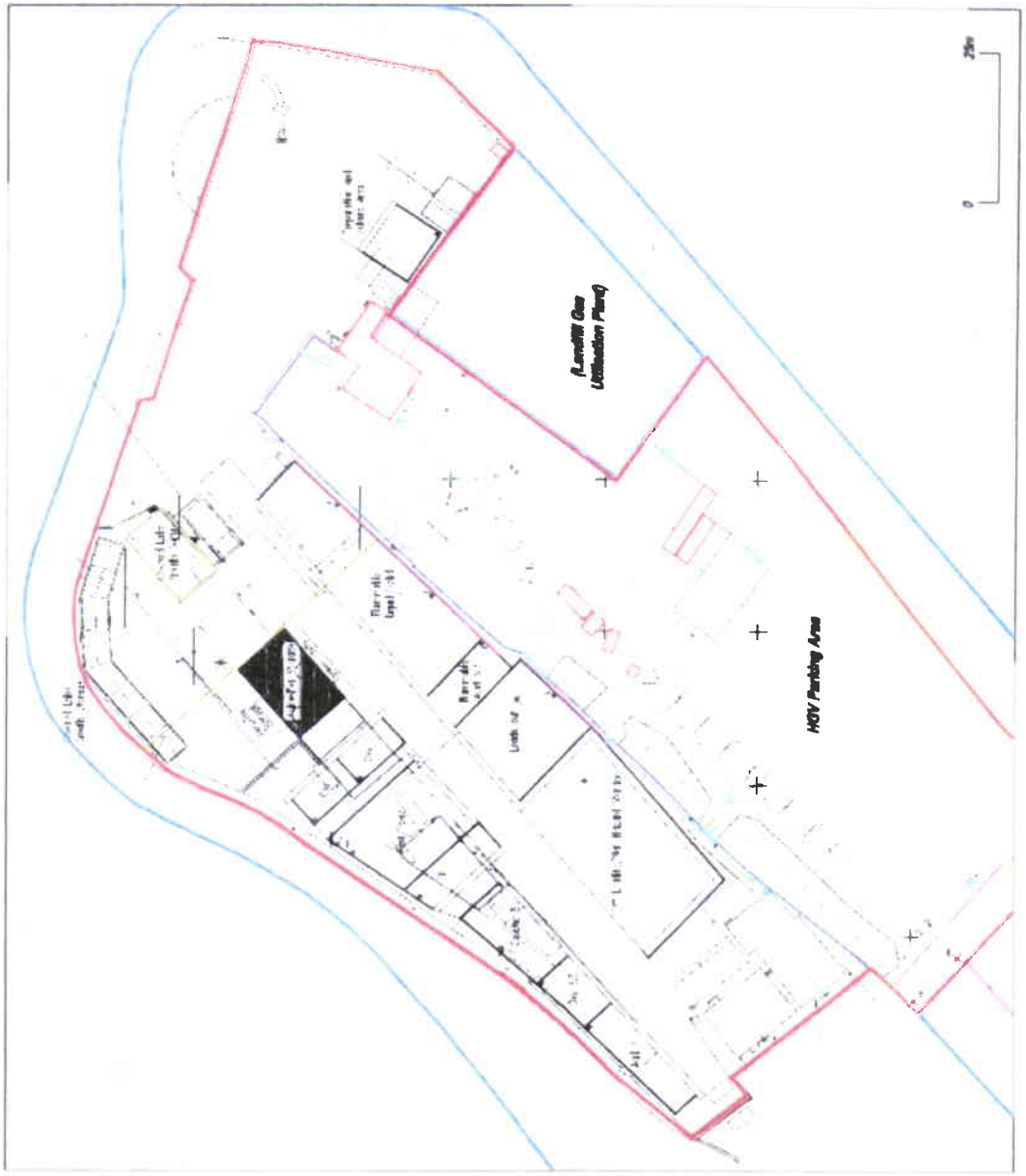
# Schedule 1 - Operations

| Table S1.1 activities | | |
|---|---|---|
| **Activity listed in Schedule 1 of the PPC Regulations** | **Description of specified activity and WFD Annex IIA and IIB operations** | **Limits of specified activity and waste types** |
| S5.3 A1 (a) | Blending and bulking of hazardous wastes and repackaging of laboratory smalls | Waste types to be as specified in Schedule 3 table S3.2. Maximum 15,000 tonnes per year. |
| S5.3 A1 (a) | Storage of hazardous waste | Waste types to be as specified in Schedule 3 table S3.2. Maximum 15,000 tonnes per year. |
| **Directly Associated Activity** | | |
| Storage, bulking and blending of non-hazardous waste. | - Storage and Transfer of Non-Hazardous Waste<br>- Bulking, Blending and Repackaging of Non-Hazardous Waste | Maximum 15,000 tonnes per year. |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Application | The response to section 2.1, excluding 2.1.3, in the Application.<br>Includes Appendix 13 "Glossary of Procedures". | 11/11/2005 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IP1 | 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. | 31/01/07 |
| IP2 | 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 | 31/01/07 |
| IP3 | The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.3 of Sector Guidance Note S5.06, December 2004. | 31/01/07 |
| IP4 | The Operator shall provide evidence that their Environment Management Systems are externally accredited to ISO14001 and/or registered under EMAS | 01/10/07 |
| IP5 | The Operator shall colour-code the manholes on site according to their connections to the sealed water drainage, foul sewer or other drainage system. | 01/05/07 |

# Schedule 2 - Site plan



# Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

| Raw materials and fuel description | Specification |
|---|---|
| Hazardous Waste | No more than 15,000 tonnes per year |
| Non – Hazardous Waste | No more than 15,000 tonnes per year |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| **01** | **WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS** |
| **01 01** | **wastes from mineral excavation** |
| 01 01 01 | wastes from mineral metalliferous excavation |
| 01 01 02 | wastes from mineral non-metalliferous excavation |
| **01 03** | **wastes from physical and chemical processing of metalliferous minerals** |
| 01 03 04* | acid-generating tailings from processing of sulphide ore |
| 01 03 05* | other tailings containing dangerous substances |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 07* | other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals |
| 01 03 08 | dusty and powdery wastes other than those mentioned in 01 03 07 |
| 01 03 09 | red mud from alumina production other than the wastes mentioned in 01 03 07 |
| | |
| **01 04** | **wastes from physical and chemical processing of non-metalliferous minerals** |
| 01 04 07* | wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals |
| 01 04 08 | waste gravel and crushed rocks other than those mentioned in 01 04 07 |
| 01 04 09 | waste sand and clays |
| 01 04 10 | dusty and powdery wastes other than those mentioned in 01 04 07 |
| 01 04 11 | wastes from potash and rock salt processing other than those mentioned in 01 04 07 |
| 01 04 12 | tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 |
| 01 04 13 | wastes from stone cutting and sawing other than those mentioned in 01 04 07 |
| | |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 04 | freshwater drilling muds and wastes |
| 01 05 05* | oil-containing drilling muds and wastes |
| 01 05 06* | drilling muds and other drilling wastes containing dangerous substances |
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| | |
| **02** | **WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 01 | sludges from washing and cleaning |
| 02 01 02 | animal-tissue waste |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 06 | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 02 01 07 | wastes from forestry |
| 02 01 08* | agrochemical waste containing dangerous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 02 01 10 | waste metal |
| | |
| **02 02** | **wastes from the preparation and processing of meat, fish and other foods of animal origin** |
| 02 02 01 | sludges from washing and cleaning |
| 02 02 02 | animal-tissue waste |
| 02 02 03 | materials unsuitable for consumption or processing |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 02 02 04 | sludges from on-site effluent treatment |
| | |
| **02 03** | **wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation** |
| 02 03 01 | sludges from washing, cleaning, peeling, centrifuging and separation |
| 02 03 02 | wastes from preserving agents |
| 02 03 03 | wastes from solvent extraction |
| 02 03 04 | materials unsuitable for consumption or processing |
| 02 03 05 | sludges from on-site effluent treatment |
| | |
| **02 04** | **wastes from sugar processing** |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 04 03 | sludges from on-site effluent treatment |
| | |
| **02 05** | **wastes from the dairy products industry** |
| 02 05 01 | materials unsuitable for consumption or processing |
| 02 05 02 | sludges from on-site effluent treatment |
| | |
| **02 06** | **wastes from the baking and confectionery industry** |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 06 03 | sludges from on-site effluent treatment |
| | |
| **02 07** | **wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)** |
| 02 07 01 | wastes from washing, cleaning and mechanical reduction of raw materials |
| 02 07 02 | wastes from spirits distillation |
| 02 07 03 | wastes from chemical treatment |
| 02 07 04 | materials unsuitable for consumption or processing |
| 02 07 05 | sludges from on-site effluent treatment |
| | |
| **03** | **WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD** |
| **03 01** | **wastes from wood processing and the production of panels and furniture** |
| 03 01 01 | waste bark and cork |
| 03 01 04* | sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| | |
| **03 02** | **wastes from wood preservation** |
| 03 02 01* | non-halogenated organic wood preservatives |
| 03 02 02* | organochlorinated wood preservatives |
| 03 02 03* | organometallic wood preservatives |
| 03 02 04* | inorganic wood preservatives |
| 03 02 05* | other wood preservatives containing dangerous substances |
| | |
| **03 03** | **wastes from pulp, paper and cardboard production and processing** |
| 03 03 01 | waste bark and wood |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 03 03 02 | green liquor sludge (from recovery of cooking liquor) |
| 03 03 05 | de-inking sludges from paper recycling |
| 03 03 07 | mechanically separated rejects from pulping of waste paper and cardboard |
| 03 03 08 | wastes from sorting of paper and cardboard destined for recycling |
| 03 03 09 | lime mud waste |
| 03 03 10 | fibre rejects, fibre-, filler- and coating-sludges from mechanical separation |
| 03 03 11 | sludges from on-site effluent treatment other than those mentioned in 03 03 10 |
| | |
| **04** | **WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES** |
| **04 01** | **wastes from the leather and fur industry** |
| 04 01 01 | fleshings and lime split wastes |
| 04 01 02 | liming waste |
| 04 01 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 08 | waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium |
| 04 01 09 | wastes from dressing and finishing |
| | |
| **04 02** | **wastes from the textile industry** |
| 04 02 09 | wastes from composite materials (impregnated textile, elastomer, plastomer) |
| 04 02 10 | organic matter from natural products (for example grease, wax) |
| 04 02 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | dyestuffs and pigments containing dangerous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |
| 04 02 19* | sludges from on-site effluent treatment containing dangerous substances |
| 04 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 04 02 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| | |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |
| 05 01 02* | desalter sludges |
| 05 01 03* | tank bottom sludges |
| 05 01 04* | acid alkyl sludges |
| 05 01 05* | oil spills |
| 05 01 06* | oily sludges from maintenance operations of the plant or equipment |
| 05 01 07* | acid tars |
| 05 01 08* | other tars |
| 05 01 09* | sludges from on-site effluent treatment containing dangerous substances |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| 05 01 13 | boiler feedwater sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 15* | spent filter clays |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 05 01 17 | bitumen |
| | |
| **05 06** | **wastes from the pyrolytic treatment of coal** |
| 05 06 01* | acid tars |
| 05 06 03* | other tars |
| 05 06 04 | waste from cooling columns |
| | |
| **05 07** | **wastes from natural gas purification and transportation** |
| 05 07 01* | wastes containing mercury |
| 05 07 02 | wastes containing sulphur |
| | |
| **06** | **WASTES FROM INORGANIC CHEMICAL PROCESSES** |
| **06 01** | **wastes from the manufacture, formulation, supply and use (MFSU) of acids** |
| 06 01 01* | sulphuric 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** | **wastes from the MFSU of bases** |
| 06 02 01* | calcium hydroxide |
| 06 02 03* | ammonium hydroxide |
| 06 02 04* | sodium and potassium hydroxide |
| 06 02 05* | other bases |
| | |
| **06 03** | **wastes from the MFSU of salts and their solutions and metallic oxides** |
| 06 03 11* | solid salts and solutions containing cyanides |
| 06 03 13* | solid salts and solutions containing heavy metals |
| 06 03 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| | |
| **06 04** | **metal-containing wastes other than those mentioned in 06 03** |
| 06 04 03* | wastes containing arsenic |
| 06 04 04* | wastes containing mercury |
| 06 04 05* | wastes containing other heavy metals |
| | |
| **06 05** | **sludges from on-site effluent treatment** |
| 06 05 02* | sludges from on-site effluent treatment containing dangerous substances |
| 06 05 03 | sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| **06 06** | **wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes** |
| 06 06 02* | wastes containing dangerous sulphides |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |
| | |
| **06 07** | **wastes from the MFSU of halogens and halogen chemical processes** |
| 06 07 01* | wastes containing asbestos from electrolysis |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 06 07 02* | activated carbon from chlorine production |
| 06 07 03* | barium sulphate sludge containing mercury |
| 06 07 04* | solutions and acids, for example contact acid |
| | |
| **06 08** | **wastes from the MFSU of silicon and silicon derivatives** |
| 06 08 02* | wastes containing dangerous silicones |
| | |
| **06 09** | **wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes** |
| 06 09 02 | phosphorous slag |
| 06 09 03* | calcium-based reaction wastes containing or contaminated with dangerous substances |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| | |
| **06 10** | **wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture** |
| 06 10 02* | wastes containing dangerous substances |
| | |
| **06 11** | **wastes from the manufacture of inorganic pigments and opacificiers** |
| 06 11 01 | calcium-based reaction wastes from titanium dioxide production |
| | |
| **06 13** | **wastes from inorganic chemical processes not otherwise specified** |
| 06 13 01* | inorganic plant protection products, wood-preserving agents and other biocides. |
| 06 13 02* | spent activated carbon (except 06 07 02) |
| 06 13 03 | carbon black |
| 06 13 04* | wastes from asbestos processing |
| 06 13 05* | soot |
| | |
| **07** | **WASTES FROM ORGANIC CHEMICAL PROCESSES** |
| **07 01** | **wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals** |
| 07 01 01* | aqueous washing liquids and mother liquors |
| 07 01 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 01 04* | other organic solvents, washing liquids and mother liquors |
| 07 01 07* | halogenated still bottoms and reaction residues |
| 07 01 08* | other still bottoms and reaction residues |
| 07 01 09* | halogenated filter cakes and spent absorbents |
| 07 01 10* | other filter cakes and spent absorbents |
| 07 01 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 01 12 | sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| | |
| **07 02** | **wastes from the MFSU of plastics, synthetic rubber and man-made fibres** |
| 07 02 01* | aqueous washing liquids and mother liquors |
| 07 02 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 02 04* | other organic solvents, washing liquids and mother liquors |
| 07 02 07* | halogenated still bottoms and reaction residues |
| 07 02 08* | other still bottoms and reaction residues |
| 07 02 09* | halogenated filter cakes and spent absorbents |
| 07 02 10* | other filter cakes and spent absorbents |
| 07 02 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | waste plastic |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 07 02 14* | wastes from additives containing dangerous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | wastes containing dangerous silicones |
| 07 02 17 | wastes containing silicones other than those mentioned in 07 02 16 |
| | |
| **07 03** | **wastes from the MFSU of organic dyes and pigments (except 06 11)** |
| 07 03 01* | aqueous washing liquids and mother liquors |
| 07 03 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | other organic solvents, washing liquids and mother liquors |
| 07 03 07* | halogenated still bottoms and reaction residues |
| 07 03 08* | other still bottoms and reaction residues |
| 07 03 09* | halogenated filter cakes and spent absorbents |
| 07 03 10* | other filter cakes and spent absorbents |
| 07 03 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| | |
| **07 04** | **wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides** |
| 07 04 01* | aqueous washing liquids and mother liquors |
| 07 04 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 04 04* | other organic solvents, washing liquids and mother liquors |
| 07 04 07* | halogenated still bottoms and reaction residues |
| 07 04 08* | other still bottoms and reaction residues |
| 07 04 09* | halogenated filter cakes and spent absorbents |
| 07 04 10* | other filter cakes and spent absorbents |
| 07 04 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| 07 04 13* | solid wastes containing dangerous substances |
| | |
| **07 05** | **wastes from the MFSU of pharmaceuticals** |
| 07 05 01* | aqueous washing liquids and mother liquors |
| 07 05 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 05 04* | other organic solvents, washing liquids and mother liquors |
| 07 05 07* | halogenated still bottoms and reaction residues |
| 07 05 08* | other still bottoms and reaction residues |
| 07 05 09* | halogenated filter cakes and spent absorbents |
| 07 05 10* | other filter cakes and spent absorbents |
| 07 05 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | solid wastes containing dangerous substances |
| 07 05 14 | solid wastes other than those mentioned in 07 05 13 |
| | |
| **07 06** | **wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics** |
| 07 06 01* | aqueous washing liquids and mother liquors |
| 07 06 03* | organic halogenated solvents, washing liquids and mother liquors |
| 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 |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 07 06 10* | other filter cakes and spent absorbents |
| 07 06 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 06 12 | sludges from on-site effluent treatment other than those mentioned in 07 06 11 |
| | |
| **07 07** | **wastes from the MFSU of fine chemicals and chemical products not otherwise specified** |
| 07 07 01* | aqueous washing liquids and mother liquors |
| 07 07 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | other organic solvents, washing liquids and mother liquors |
| 07 07 07* | halogenated still bottoms and reaction residues |
| 07 07 08* | other still bottoms and reaction residues |
| 07 07 09* | halogenated filter cakes and spent absorbents |
| 07 07 10* | other filter cakes and spent absorbents |
| 07 07 11* | sludges from on-site effluent treatment containing dangerous substances |
| 07 07 12 | sludges from on-site effluent treatment other than those mentioned in 07 07 11 |
| | |
| **08** | **WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS** |
| **08 01** | **wastes from MFSU and removal of paint and varnish** |
| 08 01 11* | waste paint and varnish containing organic solvents or other dangerous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other dangerous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other dangerous substances |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 01 21* | waste paint or varnish remover |
| | |
| **08 02** | **wastes from MFSU of other coatings (including ceramic materials)** |
| 08 02 01 | waste coating powders |
| 08 02 02 | aqueous sludges containing ceramic materials |
| 08 02 03 | aqueous suspensions containing ceramic materials |
| | |
| **08 03** | **wastes from MFSU of printing inks** |
| 08 03 07 | aqueous sludges containing ink |
| 08 03 08 | aqueous liquid waste containing ink |
| 08 03 12* | waste ink containing dangerous substances |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | ink sludges containing dangerous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing dangerous substances |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | disperse oil |
| | |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing products)** |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other dangerous substances |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other dangerous substances |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 08 04 17* | rosin oil |
| | |
| **08 05** | **wastes not otherwise specified in 08** |
| 08 05 01* | waste isocyanates |
| **09** | **WASTES FROM THE PHOTOGRAPHIC INDUSTRY** |
| **09 01** | **wastes from the photographic industry** |
| 09 01 01* | water-based developer and activator solutions |
| 09 01 02* | water-based offset plate developer solutions |
| 09 01 03* | solvent-based developer solutions |
| 09 01 04* | fixer solutions |
| 09 01 05* | bleach solutions and bleach fixer solutions |
| 09 01 06* | wastes containing silver from on-site treatment of photographic wastes |
| 09 01 07 | photographic film and paper containing silver or silver compounds |
| 09 01 08 | photographic film and paper free of silver or silver compounds |
| 09 01 10 | single-use cameras without batteries |
| 09 01 11* | single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03 |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| | |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 01** | **wastes from power stations and other combustion plants (except 19)** |
| 10 01 01 | bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | coal fly ash |
| 10 01 03 | fly ash from peat and untreated wood |
| 10 01 04* | oil fly ash and boiler dust |
| 10 01 05 | calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 09* | sulphuric acid |
| 10 01 13* | fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | bottom ash, slag and boiler dust from co-incineration containing dangerous substances |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 16* | fly ash from co-incineration containing dangerous substances |
| 10 01 17 | fly ash from co-incineration other than those mentioned in 10 01 16 |
| 10 01 18* | wastes from gas cleaning containing dangerous substances |
| 10 01 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 20* | sludges from on-site effluent treatment containing dangerous substances |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 22* | aqueous sludges from boiler cleansing containing dangerous substances |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 10 01 24 | sands from fluidised beds |
| 10 01 25 | wastes from fuel storage and preparation of coal-fired power plants |
| 10 01 26 | wastes from cooling-water treatment |
| | |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 07* | solid wastes from gas treatment containing dangerous substances |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | mill scales |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 13* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other sludges and filter cakes |
| | |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 02 | anode scraps |
| 10 03 04* | primary production slags |
| 10 03 05 | waste alumina |
| 10 03 08* | salt slags from secondary production |
| 10 03 09* | black drosses from secondary production |
| 10 03 15* | skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 17* | tar-containing wastes from anode manufacture |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 19* | flue-gas dust containing dangerous substances |
| 10 03 20 | flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 21* | other particulates and dust (including ball-mill dust) containing dangerous substances |
| 10 03 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 23* | solid wastes from gas treatment containing dangerous substances |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 25* | sludges and filter cakes from gas treatment containing dangerous substances |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing dangerous substances |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| | |
| **10 04** | **wastes from lead thermal metallurgy** |
| 10 04 01* | slags from primary and secondary production |
| 10 04 02* | dross and skimmings from primary and secondary production |
| 10 04 03* | calcium arsenate |
| 10 04 04* | flue-gas dust |
| 10 04 05* | other particulates and dust |
| 10 04 06* | solid wastes from gas treatment |
| 10 04 07* | sludges and filter cakes from gas treatment |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| | |
| **10 05** | **wastes from zinc thermal metallurgy** |
| 10 05 01 | slags from primary and secondary production |
| 10 05 03* | flue-gas dust |
| 10 05 04 | other particulates and dust |
| 10 05 05* | solid waste from gas treatment |
| 10 05 06* | sludges and filter cakes from gas treatment |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 10 05 11 | dross and skimmings other than those mentioned in 10 05 10 |
| | |
| **10 06** | **wastes from copper thermal metallurgy** |
| 10 06 01 | slags from primary and secondary production |
| 10 06 02 | dross and skimmings from primary and secondary production |
| 10 06 03* | flue-gas dust |
| 10 06 04 | other particulates and dust |
| 10 06 06* | solid wastes from gas treatment |
| 10 06 07* | sludges and filter cakes from gas treatment |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| | |
| **10 07** | **wastes from silver, gold and platinum thermal metallurgy** |
| 10 07 01 | slags from primary and secondary production |
| 10 07 02 | dross and skimmings from primary and secondary production |
| 10 07 03 | solid wastes from gas treatment |
| 10 07 04 | other particulates and dust |
| 10 07 05 | sludges and filter cakes from gas treatment |
| 10 07 07* | wastes from cooling-water treatment containing oil |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| | |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 04 | particulates and dust |
| 10 08 08* | salt slag from primary and secondary production |
| 10 08 09 | other slags |
| 10 08 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 12* | tar-containing wastes from anode manufacture |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | anode scrap |
| 10 08 15* | flue-gas dust containing dangerous substances |
| 10 08 16 | flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 08 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| | |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| **10 09** | **wastes from casting of ferrous pieces** |
| 10 09 03 | furnace slag |
| 10 09 05* | casting cores and moulds which have not undergone pouring containing dangerous substances |
| 10 09 06 | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 07* | casting cores and moulds which have undergone pouring containing dangerous substances |
| 10 09 08 | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 09* | flue-gas dust containing dangerous substances |
| 10 09 10 | flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 11* | other particulates containing dangerous substances |
| 10 09 12 | other particulates other than those mentioned in 10 09 11 |
| 10 09 13* | waste binders containing dangerous substances |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 15* | waste crack-indicating agent containing dangerous substances |
| 10 09 16 | waste crack-indicating agent other than those mentioned in 10 09 15 |
| | |
| **10 10** | **wastes from casting of non-ferrous pieces** |
| 10 10 03 | furnace slag |
| 10 10 05* | casting cores and moulds which have not undergone pouring, containing dangerous substances |
| 10 10 06 | casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 07* | casting cores and moulds which have undergone pouring, containing dangerous substances |
| 10 10 08 | casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 09* | flue-gas dust containing dangerous substances |
| 10 10 10 | flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 11* | other particulates containing dangerous substances |
| 10 10 12 | other particulates other than those mentioned in 10 10 11 |
| 10 10 13* | waste binders containing dangerous substances |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 15* | waste crack-indicating agent containing dangerous substances |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 |
| | |
| **10 11** | **wastes from manufacture of glass and glass products** |
| 10 11 03 | waste glass-based fibrous materials |
| 10 11 05 | particulates and dust |
| 10 11 09* | waste preparation mixture before thermal processing, containing dangerous substances |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 11* | waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |
| 10 11 13* | glass-polishing and -grinding sludge containing dangerous substances |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 15* | solid wastes from flue-gas treatment containing dangerous substances |
| 10 11 16 | solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 17* | sludges and filter cakes from flue-gas treatment containing dangerous substances |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 19* | solid wastes from on-site effluent treatment containing dangerous substances |
| 10 11 20 | solid wastes from on-site effluent treatment other than those mentioned in 10 11 19 |
| | |
| **10 12** | **wastes from manufacture of ceramic goods, bricks, tiles and construction products** |
| 10 12 01 | waste preparation mixture before thermal processing |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 10 12 03 | particulates and dust |
| 10 12 05 | sludges and filter cakes from gas treatment |
| 10 12 06 | discarded moulds |
| 10 12 08 | waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 12 09* | solid wastes from gas treatment containing dangerous substances |
| 10 12 10 | solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 11* | wastes from glazing containing heavy metals |
| 10 12 12 | wastes from glazing other than those mentioned in 10 12 11 |
| 10 12 13 | sludge from on-site effluent treatment |
| | |
| **10 13** | **wastes from manufacture of cement, lime and plaster and articles and products made from them** |
| 10 13 01 | waste preparation mixture before thermal processing |
| 10 13 04 | wastes from calcination and hydration of lime |
| 10 13 06 | particulates and dust (except 10 13 12 and 10 13 13) |
| 10 13 07 | sludges and filter cakes from gas treatment |
| 10 13 09* | wastes from asbestos-cement manufacture containing asbestos |
| 10 13 10 | wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 12* | solid wastes from gas treatment containing dangerous substances |
| 10 13 13 | solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | waste concrete and concrete sludge |
| | |
| **10 14** | **waste from crematoria** |
| 10 14 01* | waste from gas cleaning containing mercury |
| **11** | **WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY** |
| **11 01** | **wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)** |
| 11 01 05* | pickling acids |
| 11 01 06* | acids not otherwise specified |
| 11 01 07* | pickling bases |
| 11 01 08* | phosphatising sludges |
| 11 01 09* | sludges and filter cakes containing dangerous substances |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | aqueous rinsing liquids containing dangerous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing dangerous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing dangerous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 01 98* | other wastes containing dangerous substances |
| | |
| **11 02** | **wastes from non-ferrous hydrometallurgical processes** |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | wastes from copper hydrometallurgical processes containing dangerous substances |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | other wastes containing dangerous substances |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| | |
| **11 03** | **sludges and solids from tempering processes** |
| 11 03 01* | wastes containing cyanide |
| 11 03 02* | other wastes |
| **11 05** | **wastes from hot galvanising processes** |
| 11 05 01 | hard zinc |
| 11 05 02 | zinc ash |
| 11 05 03* | solid wastes from gas treatment |
| 11 05 04* | spent flux |
| | |
| **12** | **WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 02 | ferrous metal dust and particles |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 04 | non-ferrous metal dust and particles |
| 12 01 05 | plastics shavings and turnings |
| 12 01 06* | mineral-based machining oils containing halogens (except emulsions and solutions) |
| 12 01 07* | mineral-based machining oils free of halogens (except emulsions and solutions) |
| 12 01 08* | machining emulsions and solutions containing halogens |
| 12 01 09* | machining emulsions and solutions free of halogens |
| 12 01 10* | synthetic machining oils |
| 12 01 12* | spent waxes and fats |
| 12 01 13 | welding wastes |
| 12 01 14* | machining sludges containing dangerous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 16* | waste blasting material containing dangerous substances |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing dangerous substances |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| | |
| **12 03** | **wastes from water and steam degreasing processes (except 11)** |
| 12 03 01* | aqueous washing liquids |
| 12 03 02* | steam degreasing wastes |
| **13** | **OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)** |
| **13 01** | **waste hydraulic oils** |
| 13 01 01* | hydraulic oils, containing PCBs |
| 13 01 04* | chlorinated emulsions |
| 13 01 05* | non-chlorinated emulsions |
| 13 01 09* | mineral-based chlorinated hydraulic oils |
| 13 01 10* | mineral based non-chlorinated hydraulic oils |
| 13 01 11* | synthetic hydraulic oils |
| 13 01 12* | readily biodegradable hydraulic oils |
| 13 01 13* | other hydraulic oils |
| **13 02** | **waste engine, gear and lubricating oils** |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 13 02 04* | mineral-based chlorinated engine, gear and lubricating oils |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | synthetic engine, gear and lubricating oils |
| 13 02 07* | readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | other engine, gear and lubricating oils |
| **13 03** | **waste insulating and heat transmission oils** |
| 13 03 01* | insulating or heat transmission oils containing PCBs |
| 13 03 06* | mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01 |
| 13 03 07* | mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | synthetic insulating and heat transmission oils |
| 13 03 09* | readily biodegradable insulating and heat transmission oils |
| 13 03 10* | other insulating and heat transmission oils |
| **13 04** | **bilge oils** |
| 13 04 01* | bilge oils from inland navigation |
| 13 04 02* | bilge oils from jetty sewers |
| 13 04 03* | bilge oils from other navigation |
| **13 05** | **oil/water separator contents** |
| 13 05 01* | solids from grit chambers and oil/water separators |
| 13 05 02* | sludges from oil/water separators |
| 13 05 03* | interceptor sludges |
| 13 05 06* | oil from oil/water separators |
| 13 05 07* | oily water from oil/water separators |
| 13 05 08* | mixtures of wastes from grit chambers and oil/water separators |
| **13 07** | **wastes of liquid fuels** |
| 13 07 01* | fuel oil and diesel |
| 13 07 02* | petrol |
| 13 07 03* | other fuels (including mixtures) |
| **13 08** | **oil wastes not otherwise specified** |
| 13 08 01* | desalter sludges or emulsions |
| 13 08 02* | other emulsions |
| | |
| **14** | **WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)** |
| **14 06** | **waste organic solvents, refrigerants and foam/aerosol propellants** |
| 14 06 01* | chlorofluorocarbons, HCFC, HFC |
| 14 06 02* | other halogenated solvents and solvent mixtures |
| 14 06 03* | other solvents and solvent mixtures |
| 14 06 04* | sludges or solid wastes containing halogenated solvents |
| 14 06 05* | sludges or solid wastes containing other solvents |
| **15** | **WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| 15 01 07 | glass packaging |
| 15 01 09 | textile packaging |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 15 01 10* | packaging containing residues of or contaminated by dangerous substances |
| 15 01 11* | metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers |
| **15 02** | **absorbents, filter materials, wiping cloths and protective clothing** |
| 15 02 02* | absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| **16** | **WASTES NOT OTHERWISE SPECIFIED IN THE LIST** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 03 | end-of-life tyres |
| 16 01 04* | end-of-life vehicles |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 07* | oil filters |
| 16 01 08* | components containing mercury |
| 16 01 09* | components containing PCBs |
| 16 01 10* | explosive components (for example air bags) |
| 16 01 11* | brake pads containing asbestos |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |
| 16 01 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing dangerous substances |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 |
| 16 01 16 | tanks for liquefied gas |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| 16 01 19 | plastic |
| 16 01 20 | glass |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 01 22 | components not otherwise specified |
| | |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 09* | transformers and capacitors containing PCBs |
| 16 02 10* | discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09 |
| 16 02 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 12* | discarded equipment containing free asbestos |
| 16 02 13* | discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | hazardous components removed from discarded equipment |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| **16 03** | **off-specification batches and unused products** |
| 16 03 03* | inorganic wastes containing dangerous substances |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | organic wastes containing dangerous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| | |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 04* | gases in pressure containers (including halons) containing dangerous substances |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 16 05 06* | laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals |
| 16 05 07* | discarded inorganic chemicals consisting of or containing dangerous substances |
| 16 05 08* | discarded organic chemicals consisting of or containing dangerous substances |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| **16 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 16 06 06* | separately collected electrolyte from batteries and accumulators |
| **16 07** | **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)** |
| 16 07 08* | wastes containing oil |
| 16 07 09* | wastes containing other dangerous substances |
| | |
| **16 08** | **spent catalysts** |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 02* | spent catalysts containing dangerous transition metals or dangerous transition metal compounds |
| 16 08 03 | spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with dangerous substances |
| **16 09** | **oxidising substances** |
| 16 09 01* | permanganates, for example potassium permanganate |
| 16 09 02* | chromates, for example potassium chromate, potassium or sodium dichromate |
| 16 09 03* | peroxides, for example hydrogen peroxide |
| 16 09 04* | oxidising substances, not otherwise specified |
| **16 10** | **aqueous liquid wastes destined for off-site treatment** |
| 16 10 01* | aqueous liquid wastes containing dangerous substances |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | aqueous concentrates containing dangerous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |
| **16 11** | **waste linings and refractories** |
| 16 11 01* | carbon-based linings and refractories from metallurgical processes containing dangerous substances |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 03* | other linings and refractories from metallurgical processes containing dangerous substances |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 05* | linings and refractories from non-metallurgical processes containing dangerous substances |
| 16 11 06 | linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05 |
| **17** | **CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)** |
| **17 01** | **concrete, bricks, tiles and ceramics** |
| 17 01 01 | concrete |
| 17 01 02 | bricks |
| 17 01 03 | tiles and ceramics |
| 17 01 06* | mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| | substances |
| 17 01 07 | mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| **17 02** | **wood, glass and plastic** |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| 17 02 04* | glass, plastic and wood containing or contaminated with dangerous substances |
| **17 03** | **bituminous mixtures, coal tar and tarred products** |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 03 03* | coal tar and tarred products |
| **17 04** | **metals (including their alloys)** |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 09* | metal waste contaminated with dangerous substances |
| 17 04 10* | cables containing oil, coal tar and other dangerous substances |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| **17 05** | **soil (including excavated soil from contaminated sites), stones and dredging spoil** |
| 17 05 03* | soil and stones containing dangerous substances |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 05* | dredging spoil containing dangerous substances |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 07* | track ballast containing dangerous substances |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 01* | insulation materials containing asbestos |
| 17 06 03* | other insulation materials consisting of or containing dangerous substances |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 06 05* | construction materials containing asbestos |
| **17 08** | **gypsum-based construction material** |
| 17 08 01* | gypsum-based construction materials contaminated with dangerous substances |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| **17 09** | **other construction and demolition wastes** |
| 17 09 01* | construction and demolition wastes containing mercury |
| 17 09 02* | construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors) |
| 17 09 03* | other construction and demolition wastes (including mixed wastes) containing dangerous substances |
| 17 09 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| **18** | **WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)** |
| **18 01** | **wastes from natal care, diagnosis, treatment or prevention of disease in humans** |
| 18 01 01 | sharps (except 18 01 03) |
| 18 01 02 | Body parts and organs including blood bags and blood preserves (except 18 01 03) |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 18 01 03* | wastes whose collection and disposal is subject to special requirements in order to prevent infection |
| 18 01 04 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection(for example dressings, plaster casts, linen, disposable clothing, diapers) |
| 18 01 06* | chemicals consisting of or containing dangerous substances |
| 18 01 07 | chemicals other than those mentioned in 18 01 06 |
| 18 01 08* | cytotoxic and cytostatic medicines |
| 18 01 09 | medicines other than those mentioned in 18 01 08 |
| 18 01 10* | amalgam waste from dental care |
| **18 02** | **wastes from research, diagnosis, treatment or prevention of disease involving animals** |
| 18 02 01 | sharps (except 18 02 02) |
| 18 02 02* | wastes whose collection and disposal is subject to special requirements in order to prevent infection |
| 18 02 03 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection |
| 18 02 05* | chemicals consisting of or containing dangerous substances |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 07* | cytotoxic and cytostatic medicines |
| 18 02 08 | medicines other than those mentioned in 18 02 07 |
| **19** | **WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE** |
| **19 01** | **wastes from incineration or pyrolysis of waste** |
| 19 01 02 | ferrous materials removed from bottom ash |
| 19 01 05* | filter cake from gas treatment |
| 19 01 06* | aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | solid wastes from gas treatment |
| 19 01 10* | spent activated carbon from flue-gas treatment |
| 19 01 11* | bottom ash and slag containing dangerous substances |
| 19 01 12 | bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 13* | fly ash containing dangerous substances |
| 19 01 14 | fly ash other than those mentioned in 19 01 13 |
| 19 01 15* | boiler dust containing dangerous substances |
| 19 01 16 | boiler dust other than those mentioned in 19 01 15 |
| 19 01 17* | pyrolysis wastes containing dangerous substances |
| 19 01 18 | pyrolysis wastes other than those mentioned in 19 01 17 |
| 19 01 19 | sands from fluidised beds |
| | |
| **19 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes |
| 19 02 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing dangerous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing dangerous substances |
| 19 02 09* | solid combustible wastes containing dangerous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing dangerous substances |
| | |
| **19 03** | **stabilised/solidified wastes** |
| 19 03 04* | wastes marked as hazardous, partly stabilised |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | wastes marked as hazardous, solidified |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| **19 04** | **vitrified waste and wastes from vitrification** |
| 19 04 01 | vitrified waste |
| 19 04 02* | fly ash and other flue-gas treatment wastes |
| 19 04 03* | non-vitrified solid phase |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering |
| **19 05** | **wastes from aerobic treatment of solid wastes** |
| 19 05 01 | non-composted fraction of municipal and similar wastes |
| 19 05 02 | non-composted fraction of animal and vegetable waste |
| 19 05 03 | off-specification compost |
| | |
| **19 06** | **wastes from anaerobic treatment of waste** |
| 19 06 03 | liquor from anaerobic treatment of municipal waste |
| 19 06 04 | digestate from anaerobic treatment of municipal waste |
| 19 06 05 | liquor from anaerobic treatment of animal and vegetable waste |
| 19 06 06 | digestate from anaerobic treatment of animal and vegetable waste |
| | |
| **19 07** | **landfill leachate** |
| 19 07 02* | landfill leachate containing dangerous substances |
| 19 07 03 | landfill leachate other than those mentioned in 19 07 02 |
| **19 08** | **wastes from waste water treatment plants not otherwise specified** |
| 19 08 01 | screenings |
| 19 08 02 | waste from desanding |
| 19 08 05 | sludges from treatment of urban waste water |
| 19 08 06* | saturated or spent ion exchange resins |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 19 08 08* | membrane system waste containing heavy metals |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing dangerous substances from biological treatment of industrial waste water |
| 19 08 12 | sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 |
| 19 08 13* | sludges containing dangerous substances from other treatment of industrial waste water |
| 19 08 14 | sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 |
| | |
| **19 09** | **wastes from the preparation of water intended for human consumption or water for industrial use** |
| 19 09 01 | solid waste from primary filtration and screenings |
| 19 09 02 | sludges from water clarification |
| 19 09 03 | sludges from decarbonation |
| 19 09 04 | spent activated carbon |
| 19 09 05 | saturated or spent ion exchange resins |
| 19 09 06 | solutions and sludges from regeneration of ion exchangers |
| | |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| 19 10 03* | fluff-light fraction and dust containing dangerous substances |
| 19 10 04 | fluff-light fraction and dust other than those mentioned in 19 10 03 |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 19 10 05* | other fractions containing dangerous substances |
| 19 10 06 | other fractions other than those mentioned in 19 10 05 |
| **19 11** | **wastes from oil regeneration** |
| 19 11 01* | spent filter clays |
| 19 11 02* | acid tars |
| 19 11 03* | aqueous liquid wastes |
| 19 11 04* | wastes from cleaning of fuel with bases |
| 19 11 05* | sludges from on-site effluent treatment containing dangerous substances |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 19 11 07* | wastes from flue-gas cleaning |
| | |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 01 | paper and cardboard |
| 19 12 02 | ferrous metal |
| 19 12 03 | non-ferrous metal |
| 19 12 04 | plastic and rubber |
| 19 12 05 | glass |
| 19 12 06* | wood containing dangerous substances |
| 19 12 07 | wood other than that mentioned in 19 12 06 |
| 19 12 08 | textiles |
| 19 12 09 | minerals (for example sand, stones) |
| 19 12 10 | combustible waste (refuse derived fuel) |
| 19 12 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| **19 13** | **wastes from soil and groundwater remediation** |
| 19 13 01* | solid wastes from soil remediation containing dangerous substances |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 03* | sludges from soil remediation containing dangerous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| **20** | **MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 01 | paper and cardboard |
| 20 01 02 | glass |
| 20 01 08 | biodegradable kitchen and canteen waste |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 20 01 13* | solvents |
| 20 01 14* | acids |
| 20 01 15* | alkalines |
| 20 01 17* | photochemicals |

| Table S3.2 Permitted waste types and quantities | |
|---|---|
| **Waste code** | **Description** |
| 20 01 19* | pesticides |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing dangerous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 31* | cytotoxic and cytostatic medicines |
| 20 01 32 | medicines other than those mentioned in 20 01 31 |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components ( 6 ) |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | wood containing dangerous substances |
| 20 01 38 | wood other than that mentioned in 20 01 37 |
| 20 01 39 | plastics |
| 20 01 40 | metals |
| 20 01 41 | wastes from chimney sweeping |
| | |
| **20 02** | **garden and park wastes (including cemetery waste)** |
| 20 02 01 | biodegradable waste |
| 20 02 02 | soil and stones |
| 20 02 03 | other non-biodegradable wastes |
| **20 03** | **other municipal wastes** |
| 20 03 01 | mixed municipal waste |
| 20 03 02 | waste from markets |
| 20 03 03 | street-cleaning residues |
| 20 03 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |
| | |

# Schedule 4 – Emissions and monitoring

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

| Emission point ref. & location | Parameter | Source | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|---|---|---|---|---|---|
| There are no point source emissions to air on this site | N/A | N/A | N/A | N/A | N/A | N/A |

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

| Emission point ref. & location | Parameter | Source | Limit (incl. unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|---|---|---|---|---|---|
| There are no point source emissions to water on this site | N/A | N/A | N/A | N/A | N/A | N/A |

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

| Emission point ref. & location | Parameter | Source | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|---|---|---|---|---|---|
| There are no point source emissions to sewer, effluent treatment plant or other transfer off-site on this site | N/A | N/A | N/A | N/A | N/A | N/A |

# Schedule 5 - Reporting

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

Table S5.1 Reporting of monitoring data

| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
|---|---|---|---|
| None required | N/A | N/A | N/A |

Table S5.2: Annual production/treatment

| Parameter | Units |
|---|---|
| Waste Received | tonnes |
| Waste Dispatched | tonnes |

Table S5.3 Performance parameters

| Parameter | Frequency of assessment | Units |
|---|---|---|
| Energy usage | Annually | MWs |

Table S5.4 Reporting forms

| Media/parameter | Reporting format | Date of form |
|---|---|---|
| Energy usage | Form energy 1 or other form as agreed in writing by the Agency | DD/MM/YY |

# Schedule 6 - Notification

These pages outline the information that the operator must provide.

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

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

## Part A

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

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

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

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

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

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

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

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

* authorised to sign on behalf of *Veolia ES Onyx Ltd.*

# Schedule 7 - Interpretation

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

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

"*annually*" means once every year.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

"*year*" means calendar year ending 31 December.

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

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

(a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

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

END OF PERMIT