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Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

J. Dickinson and Sons (Horwich) Limited

The Materials Recycling Facility Rivington View Business Park Station Road Blackrod, Bolton BL6 5GR

Variation application number

EPR/EP3497CA/V007

Permit number

EPR/EP3497CA

The Materials Recycling Facility Permit number EPR/EP3497CA

Introductory note

This introductory note does not form a part of the notice

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

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

The consolidated variation notice will increase the annual throughput of aggregate and soil processing from 75,000tpa to 275,000tpa. A consolidated notice has been issued to reflect current site activities. Composting, vehicle depollution and mechanical biological treatment activities are not currently undertaken on the site. A pre-operational condition for future development has been written into this permit to ensure that relevant updates to management plans are made prior to these activities recommencing.

The schedules specify the changes made to the permit.

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

| Status log of the permit | | |
|---|----------------------|---|
| Description | Date | Comments |
| Permit determined EAWML 54330 | 09/02/2001 | Original permit issued to J. Dickinson & Sons (Horwich) Limited |
| Permit Modified EAWML 54330 | 11/12/2003 | Add treatment activities |
| Permit Modified EAWML 54330 | 09/04/2008 | Modification of licence |
| Variation determined EPR/EP3497CA/V004 (EAWML 54330) | 21/05/2012 | Variation to add standard rules permit (SR2010 No12) |
| Variation determined EPR/EP3497CA/V005 | 07/06/2013 | Application to add waste codes |
| Variation determined EPR/EP3497CA/V006 | 02/12/2013 | Agency led variation to update pest condition |
| Application EPR/EP3497CA/V007 (variation and consolidation) | Duly made 30/07/2020 | Application to vary and update the permit to modern conditions. |
| Variation determined and consolidation issued EPR/EP3497CA | 01/11/2020 | Varied and consolidated permit issued in modern format |

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/EP3497CA

Issued to

J. Dickinson and Sons (Horwich) Limited ("the operator")

whose registered office is

Unit 5 Rivington View Horwich, Bolton United Kingdom BL6 5BN

company registration number 00351057

to operate a regulated facility at

The Materials Recycling Facility Rivington View Business Park Station Road Blackrod, Bolton BL6 5GR

to the extent set out in the schedules.

The notice shall take effect from 01/11/2020

| Name | Date |
|----------------|------------|
| Tracey Pollard | 01/11/2020 |

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/EP3497CA

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3497CA/V007 authorising,

J. Dickinson and Sons (Horwich) Limited ("the operator"),

whose registered office is

Unit 5 Rivington View Horwich, Bolton United Kingdom BL6 5BN

company registration number 00351057

to operate waste operations at

The Materials Recycling Facility Rivington View Business Park Station Road Blackrod, Bolton BL6 5GR

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

| Name | Date |
|----------------|------------|
| Tracey Pollard | 01/11/2020 |

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
 - (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

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

- 1.2.1 The operator shall take appropriate measures to ensure that:
 - (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

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

- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3, S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Pre-operational conditions

2.4.1 The operations specified in schedule 1 table S1.3 shall not commence until the measures specified in that table have been completed.

2.5 Technical requirements

Hazardous waste storage and treatment

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Monitoring

- 3.3.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1;
 - (b) ambient air monitoring specified in table S3.2;
- 3.3.2 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.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.3.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 unless otherwise agreed in writing by the Environment Agency.

3.4 Odour

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

3.5 Noise and vibration

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.5.2 The operator shall:
 - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a noise management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the noise management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

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

3.7 Fire prevention

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

- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
- (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
 - (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
 - (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
 - (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit; or

- (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 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
 - (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

| Table S1.1 activities | |
|---|---|
| Description of activities for waste operations | Limits of activities |
| All activities | Subject to any other requirements of this permit all permitted wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery. |
| [A1] – Aggregate and soil treatment facility R5: Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced) | Physical treatment including manual and mechanical sorting, screening, crushing and blending of non-hazardous waste for recovery. Waste types as specified in Table S2.1 |
| [A2] - Waste Transfer Station D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is | Physical treatment including manual and mechanical sorting/ separation, screening, shreddingetc of non-hazardous waste for disposal (no more than 50 tonnes per day) or recovery. |
| R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced) D14: Repackaging prior to submission to any of the operations numbered D1 to D13. | Subject to the other provisions of the permit the maximum quantity of hazardous waste received at the site shall not exceed 10 tonnes per day. Temporary storage of hazardous waste shall not exceed 50 tonnes pending any of the activities listed in Part A (1) Section 5.1, 5.2, 5.3 of the EP Regulations. |
| D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the | Waste types as specified in Table S2.2 All bulking or transfer of non-hazardous waste must be carried out inside a building. |
| operations numbered D1 to D12 R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) | Non-hazardous wastes must be kept in a building or within a secure container. Asbestos waste must be double bagged and kept within clearly identified, secure lockable containers. No treatment of asbestos waste is allowed on site. |
| R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials | Hazardous and non-hazardous waste must be kept on an impermeable surface with sealed drainage. Inert waste must be kept on hard standing or an |

| Table S1.1 activities | |
|---|--|
| Description of activities for waste operations | Limits of activities |
| [A3] - Composting R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced) R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) | Physical treatment and composting including sanitisation, stabilisation and maturation of non-hazardous wastes as specified in Table S2.3 The capacity of the site for non-hazardous waste subject to an R3 activity (Biological treatment only) shall not exceed 75 tonnes per day. All treatment must take place in a well-ventilated building on an impermeable surface with a sealed drainage system, or outdoors on areas of impermeable surface with a sealed drainage system. Treatment must be undertaken in any form of enclosed reactor vessel. |
| [A4] - Vehicle depollution and dismantling facility R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is | Treatment consisting only of depollution of waste motor vehicles and sorting, separation, grading, bailing, shearing, compacting, crushing or cutting of waste into different components for recovery. |
| pending collection, on the site where the waste is produced) R4: Recycling/reclamation of metals and metal compounds | There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes. |
| R5: Recycling/reclamation of other inorganic materials | All batteries shall be stored in containers with an impermeable, acid resistance base and a lid to prevent ingress of surface water. |
| D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced) | The maximum quantity of hazardous waste treated for disposal or recovery shall not exceed 10 tonnes per day. This does not include the manual depollution and dismantling of waste motor vehicles. |
| D14: Repackaging prior to submission to any of the operations numbered D1 to D13. | Temporary storage of hazardous waste shall not exceed 50 tonnes pending any of the activities listed in Part A (1) Section 5.1, 5.2, 5.3 of the EP Regulations. |
| | Waste types as specified in Table S2.4 |
| | Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes arising from the treatment of end-of-life vehicles must be stored on hardstanding or an impermeable surface with sealed drainage system. All other waste must be stored on an impermeable surface with sealed drainage system. |

| Description of activities for waste operations | Limits of activities |
|---|---|
| · · | Waste motor vehicles shall have their tyres removed before they are baled, crushed or compacted. |
| | All waste treatment including that of waste motor vehicles must take place on an impermeable surface with sealed drainage system. |
| [A5] - Mechanical-biological treatment of non- hazardous waste | Treatment limited to heat treatment for the purposes of recovery. Physical treatment including screening, crushing, bailing, shredding and |
| R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) | pelletising for the purposes of disposal (no more than 50 tonnes per day) or recovery. |
| | Waste types as specified in Table S2.5 |
| R4: Recycling/reclamation of metals and metal compounds | Waste shall be stored within a building provided with an impermeable surface and sealed drainage. |
| R5: Recycling/reclamation of other inorganic materials | Maximum time of waste storage prior to treatment shall not exceed 48 hrs. |
| R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, | Waste post treatment must be kept in a building or within a secure container. |
| pending collection, on the site where the waste is produced) | Waste shall not be treated until background bio- aerosol monitoring has been completed and trigger levels have been agreed in writing with the |
| D9: Physico-chemical treatment not specified elsewhere which results in final compounds or | Environment Agency. |
| mixtures which are discarded by means of any of the operations numbered D1 to D12 | Waste shall not be treated until background bio aerosol monitoring has been completed and trigger levels have been agreed in writing with the Environment Agency. |

| Table S1.2 Operating techniques | | |
|---------------------------------|---|---------------|
| Description | Parts | Date Received |
| Management Plan | Pest management plan, Report No 12602/2, Version 4 November 2013 | 27/11/2013 |
| Management Plan | Odour management plan, Version 8A, October 2015 | October 2015 |
| Management Plan | Emissions management plan, Report No 12602/4, Version 1, March 2020 | 19/03/2020 |

| Table S1.3 Pre-operational measures for future development | | |
|--|---|--|
| Reference | Operation | Pre-operational measures |
| PO1 | Activities A3, A4 and A5 as referenced in Schedule 1, Table S1.1. | Prior to the commencement of activities on site the operator shall submit to the Environment Agency for their approval a revision of the environmental management systems and where relevant revisions to amenity management plans. |
| PO2 | Monitoring as referenced in Schedule 3, Table S3.1 and S3.2. | Prior to the commencement of activities referenced in PO1 the applicant must submit to the Environment Agency for their approval an environmental monitoring plan setting out monitoring parameters, locations, frequency and testing standards. |

Schedule 2 – Waste types

| Table S2.1 Permitte | d waste types and quantities for aggregate and soil treatment facility |
|---------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 275,000 tonnes a year. |
| | Wastes having any of the following characteristics shall not be accepted: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| | Hazardous wastesWastes in liquid form |
| Waste code | Description |
| 01 | Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals |
| 01 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 01 04 08 | waste gravel and crushed rocks other than those mentioned in 01 04 07 |
| 01 04 09 | waste sand and clays |
| 02 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing |
| 02 02 | wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 02 | shellfish shells from which the soft tissue or flesh has been removed only |
| 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 03 | wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | waste bark and wood |
| 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 05 | gypsum (solid) only |
| 10 01 07 | gypsum (sludge) only |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 11 | wastes from manufacture of glass and glass products |
| 10 11 12 | clean glass other than those mentioned in 10 11 11 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 08 | waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 13 | wastes from manufacture of cement, lime and plaster and articles and products made from them |
| 10 13 14 | waste concrete only |
| 15 | Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified |

| Table S2.1 Permitte | d waste types and quantities for aggregate and soil treatment facility |
|---------------------|---|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 275,000 tonnes a year. |
| | Wastes having any of the following characteristics shall not be accepted: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| | Hazardous wastesWastes in liquid form |
| Waste code | Description |
| 15 01 | packaging (including separately collected municipal packaging waste) |
| 15 01 07 | clean glass only |
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) |
| 17 01 | concrete, bricks, tiles and ceramics |
| 17 01 01 | concrete |
| 17 01 02 | bricks |
| 17 01 03 | tiles and ceramics |
| 17 01 07 | mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 02 | wood, glass and plastic |
| 17 02 02 | clean glass only |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 02 | road base and road planings (other than those containing coal tar) only |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| 17 08 | gypsum-based construction material |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| 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 05 | wastes from aerobic treatment of solid wastes |
| 19 05 03 | compost from source segregated biodegradable waste only |
| 19 08 | wastes from waste water treatment plants not otherwise specified |
| 19 08 02 | waste from desanding |
| 19 08 99 | stone filter media if free from sewage contamination only |
| 19 09 | wastes from the preparation of water intended for human consumption or water for industrial use |
| 19 09 02 | sludges from water clarification |
| 19 12 | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 05 | clean glass only |
| 19 12 09 | minerals (for example sand, stones) |

| Table S2.1 Permitte | Table S2.1 Permitted waste types and quantities for aggregate and soil treatment facility | |
|---------------------|---|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 275,000 tonnes a year. | |
| | Wastes having any of the following characteristics shall not be accepted: | |
| | Consisting solely or mainly of dusts, powders or loose fibres | |
| | Hazardous wastes | |
| | Wastes in liquid form | |
| Waste code | Description | |
| 19 12 12 | treated bottom ash including IBA and slag other than that containing dangerous substances only. | |
| 19 13 | wastes from soil and groundwater remediation | |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 | |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 | |
| 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 02 | clean glass only | |
| 20 02 | Garden and park wastes | |
| 20 02 02 | soil and stones | |

| Table S2.2 Permitted waste types and quantities for waste transfer station and asbestos storage | | |
|---|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. | |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: | |
| | Consisting solely or mainly of dusts, powders or loose fibres | |
| Waste code | Description | |
| 01 | Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals | |
| 01 01 | wastes from mineral excavation | |
| 01 01 01 | wastes from mineral metalliferous excavation | |
| 01 01 02 | wastes from mineral non-metalliferous excavation | |
| 01 03 | wastes from physical and chemical processing of metalliferous minerals | |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 | |
| 01 03 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 08 | waste gravel and crushed rocks other than those mentioned in 01 04 07 | |
| 01 04 09 | waste sand and clays | |
| 01 04 11 | wastes from potash and rock salt processing other than those mentioned in 01 04 07 | |
| 01 04 12 | tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 | |

| Table S2.2 Permitte | d waste types and quantities for waste transfer station and asbestos storage |
|---------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 01 04 13 | wastes from stone cutting and sawing other than those mentioned in 01 04 07 |
| 02 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing |
| 02 01 | wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 07 | wastes from forestry |
| 02 01 10 | waste metal |
| 02 02 | wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 03 | materials unsuitable for consumption or processing |
| 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 04 | materials unsuitable for consumption or processing |
| 02 04 | wastes from sugar processing |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 05 | wastes from the dairy products industry |
| 02 05 01 | materials unsuitable for consumption or processing |
| 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 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 04 | materials unsuitable for consumption or processing |
| 03 | Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard |
| 03 01 | wastes from wood processing and the production of panels and furniture |
| 03 01 01 | waste bark and cork |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | wastes from pulp, paper and cardboard production and processing |

| | d waste types and quantities for waste transfer station and asbestos storage |
|------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 03 03 01 | waste bark and wood |
| 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 10 | fibre rejects, fibre-, filler- and coating-sludges from mechanical separation |
| 04 | Wastes from the leather, fur and textile industries |
| 04 01 | wastes from the leather and fur industry |
| 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 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| 06 | Wastes from inorganic chemical processes |
| 06 09 | wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 02 | phosphorous slag |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 11 | wastes from the manufacture of inorganic pigments and opacificiers |
| 06 11 01 | calcium-based reaction wastes from titanium dioxide production |
| 07 | Wastes from organic chemical processes |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | waste plastic |
| 09 | Wastes from the photographic industry |
| 09 01 | wastes from the photographic industry |
| 09 01 07 | photographic film and paper containing silver or silver compounds |
| 09 01 08 | photographic film and paper free of silver or silver compounds |
| 09 01 10 | single-use cameras without batteries |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 10 | Wastes from thermal processes |
| 10 01 | wastes from power stations and other combustion plants (except 19) |
| 10 01 01 | bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 05 | calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| | calcium-based reaction wastes from flue-gas desulphurisation in sludge form |

| Table S2.2 Permitte | d waste types and quantities for waste transfer station and asbestos storage |
|---------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 24 | sands from fluidised beds |
| 10 02 | wastes from the iron and steel industry |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | mill scales |
| 10 02 14 | filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other filter cakes |
| 10 03 | wastes from aluminium thermal metallurgy |
| 10 03 02 | anode scraps |
| 10 03 05 | waste alumina |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| 10 04 | wastes from lead thermal metallurgy |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 | wastes from zinc thermal metallurgy |
| 10 05 01 | slags from primary and secondary production |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 11 | dross and skimmings other than those mentioned in 10 05 10 |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 01 | slags from primary and secondary production |
| 10 06 02 | dross and skimmings from primary and secondary production |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | wastes from silver, gold and platinum thermal metallurgy |

| Table S2.2 Permitted waste types and quantities for waste transfer station and asbestos storage | |
|---|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 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 05 | filter cakes from gas treatment |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 | wastes from other non-ferrous thermal metallurgy |
| 10 08 09 | other slags |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | anode scrap |
| 10 08 18 | filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 | wastes from casting of ferrous pieces |
| 10 09 03 | furnace slag |
| 10 09 06 | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 08 | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 16 | waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 | wastes from casting of non-ferrous pieces |
| 10 10 03 | furnace slag |
| 10 10 06 | casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 08 | casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 | wastes from manufacture of glass and glass products |
| 10 11 03 | waste glass-based fibrous materials |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| | |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |

| Table S2.2 Permitte | d waste types and quantities for waste transfer station and asbestos storage |
|---------------------|---|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 10 11 18 | filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 12 | wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 01 | waste preparation mixture before thermal processing |
| 10 12 05 | filter cakes from gas treatment |
| 10 12 06 | discarded moulds |
| 10 12 08 | waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 12 10 | solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 12 | wastes from glazing other than those mentioned in 10 12 11 |
| 10 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 07 | filter cakes from gas treatment |
| 10 13 10 | wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 13 | solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | waste concrete |
| 11 | Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy |
| 11 01 | wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising) |
| 11 01 10 | filter cakes other than those mentioned in 11 01 09 |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 02 | wastes from non-ferrous hydrometallurgical processes |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 05 | wastes from hot galvanising processes |
| 11 05 01 | hard zinc |
| 11 05 02 | zinc ash |
| 12 | Wastes from shaping and physical and mechanical surface treatment of metals and plastics |

| | d waste types and quantities for waste transfer station and asbestos storage |
|------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 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 03 | non-ferrous metal filings and turnings |
| 12 01 05 | plastics shavings and turnings |
| 12 01 13 | welding wastes |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| 13 | Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19) |
| 13 02 | waste engine, gear and lubricating oils |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | synthetic engine, gear and lubricating oils |
| 13 02 07* | readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | other engine, gear and lubricating oils |
| 13 02 10* | Other insulating and heat transmission oils |
| 13 07 | wastes of liquid fuels |
| 13 07 01* | fuel oil and diesel |
| 13 07 02* | petrol |
| 15 | Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified |
| 15 01 | packaging (including separately collected municipal packaging waste) |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| 15 01 07 | glass packaging |
| 15 01 09 | textile packaging |
| 15 02 | absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 | Wastes not otherwise specified in the list |

| | d waste types and quantities for waste transfer station and asbestos storage |
|------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 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 07* | oil filters |
| 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 02 | wastes from electrical and electronic equipment |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| 16 03 | off-specification batches and unused products |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| 16 05 | gases in pressure containers and discarded chemicals |
| 16 05 04* | gases in pressure containers (including halons) containing dangerous substances |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |
| 16 06 | batteries and accumulators |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 16 11 | waste linings and refractories |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01 |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 06 | linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05 |
| 47 | Construction and demolition wastes (including excavated soil from |
| 17 | contaminated sites) |
| 17 01 | contaminated sites) concrete, bricks, tiles and ceramics |
| | |
| 17 01 | concrete, bricks, tiles and ceramics |

| Table S2.2 Permitted waste types and quantities for waste transfer station and asbestos storage | |
|---|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| | Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 17 01 07 | mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 02 | wood, glass and plastic |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 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 11 | cables other than those mentioned in 17 04 10 |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 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 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |

| d waste types and quantities for waste transfer station and asbestos storage |
|---|
| The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| Consisting solely or mainly of dusts, powders or loose fibres |
| Description |
| 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 |
| wastes from incineration or pyrolysis of waste |
| ferrous materials removed from bottom ash |
| bottom ash and slag other than those mentioned in 19 01 11 |
| pyrolysis wastes other than those mentioned in 19 01 17 |
| sands from fluidised beds |
| wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) |
| premixed wastes composed only of non-hazardous wastes |
| combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| vitrified waste and wastes from vitrification |
| vitrified waste |
| wastes from aerobic treatment of solid wastes |
| non-composted fraction of municipal and similar wastes |
| non-composted fraction of animal and vegetable waste |
| off-specification compost |
| wastes from anaerobic treatment of waste |
| washed grit only |
| wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| paper and cardboard |
| ferrous metal |
| non-ferrous metal |
| plastic and rubber |
| glass |
| wood other than that mentioned in 19 12 06 |
| textiles |
| minerals (for example sand, stones) |
| combustible waste (refuse derived fuel) |
| other wastes (including mixtures of materials) from mechanical treatment of waste containing batteries |
| other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| |

| Table S2.2 Permitte | d waste types and quantities for waste transfer station and asbestos storage |
|---------------------|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. Notwithstanding the specification of waste types below, waste shall not be accepted at |
| | the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 19 13 | wastes from soil and groundwater remediation |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 20 | Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions |
| 20 01 | separately collected fractions (except 15 01) |
| 20 01 01 | paper and cardboard |
| 20 01 02 | glass |
| 20 01 08 | biodegradable kitchen and canteen waste |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 20 01 13* | solvents |
| 20 01 14* | acids |
| 20 01 15* | alkalines |
| 20 01 17* | photochemicals |
| 20 01 19* | pesticides |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing dangerous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 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 |

| Table S2.2 Permitted waste types and quantities for waste transfer station and asbestos storage | |
|---|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. Notwithstanding the specification of waste types below, waste shall not be accepted at the site which have any of the following characteristics: |
| | Consisting solely or mainly of dusts, powders or loose fibres |
| Waste code | Description |
| 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 07 | bulky waste |

| Table S2.3 Permitted waste types and quantities for open windrow composting | |
|---|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 25,000 tonnes a year. |
| Waste code | Description |
| 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 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 07 | wastes from forestry |
| 02 01 10 | waste metal |
| 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 04 | materials unsuitable for consumption or processing |
| 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 04 | materials unsuitable for consumption or processing |
| 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 |

| Table S2.3 Permitte | d waste types and quantities for open windrow composting |
|---------------------|---|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 25,000 tonnes a year. |
| Waste code | Description |
| 03 01 01 | waste bark and cork |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | waste bark and wood |
| 03 03 10 | fibre rejects, fibre-, filler- and coating-sludges from mechanical separation |
| 07 | Wastes from organic chemical processes |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | waste plastic (compostable only) |
| 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 09 | textile packaging |
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) |
| 17 02 | wood, glass and plastic |
| 17 02 01 | wood |
| 19 | Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use |
| 19 02 | wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes |
| 19 05 | wastes from aerobic treatment of solid wastes |
| 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 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 07 | wood other than that mentioned in 19 12 06 |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 20 | Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions |

| Table S2.3 Permitted waste types and quantities for open windrow composting | | | |
|---|--|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 25,000 tonnes a year. | | |
| Waste code | Description | | |
| 20 01 | separately collected fractions (except 15 01) | | |
| 20 01 01 | paper and cardboard | | |
| 20 01 38 | wood other than that mentioned in 20 01 37 | | |
| 20 01 39 | Plastics (compostable only) | | |
| 20 02 | garden and park wastes (including cemetery waste) | | |
| 20 02 01 | biodegradable waste | | |
| 20 02 02 | soil and stones | | |

| Table S2.4 Permitted waste types and quantities for vehicle depollution and dismantling | | | |
|---|--|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 2,500 tonnes a year. | | |
| Waste code | Description | | |
| 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 07* | oil filters | | |
| 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 hazardous substances | | |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 | | |

| Table S2.5 Permitted waste types and quantities for non-hazardous mechanical biological treatment facility | | | |
|--|--|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. | | |
| Waste code | Description | | |
| 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 03 | plant-tissue waste | | |

| Table S2.5 Permitte treatment facility | d waste types and quantities for non-hazardous mechanical biological |
|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. |
| Waste code | Description |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 07 | wastes from forestry |
| 02 02 | wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 03 | materials unsuitable for consumption or processing |
| 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 04 | materials unsuitable for consumption or processing |
| 02 05 | wastes from the dairy products industry |
| 02 05 01 | materials unsuitable for consumption or processing |
| 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 04 | materials unsuitable for consumption or processing |
| 03 | Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard |
| 03 01 | wastes from wood processing and the production of panels and furniture |
| 03 01 01 | waste bark and cork |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | waste bark and wood |
| 03 03 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 10 | fibre rejects, fibre-, filler- and coating-sludges from mechanical separation |
| 04 | Wastes from the leather, fur and textile industries |
| 04 01 | wastes from the leather and fur industry |
| 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 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| 07 | Wastes from organic chemical processes |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | waste plastic |

| Table S2.5 Permitte treatment facility | d waste types and quantities for non-hazardous mechanical biological | | | |
|--|---|--|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. | | | |
| Waste code | Description | | | |
| 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 05 | composite packaging | | | |
| 15 01 06 | mixed packaging | | | |
| 15 01 09 | textile packaging | | | |
| 15 02 | absorbents, filter materials, wiping cloths and protective clothing | | | |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 | | | |
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) | | | |
| 17 02 | wood, glass and plastic | | | |
| 17 02 01 | wood | | | |
| 19 | Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use | | | |
| 19 02 | wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) | | | |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes | | | |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 | | | |
| 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 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 07 | wood other than that mentioned in 19 12 06 | | | |
| 19 12 08 | textiles | | | |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 | | | |
| 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 38 | wood other than that mentioned in 20 01 37 | | | |

| Table S2.5 Permitted waste types and quantities for non-hazardous mechanical biological treatment facility | | | | |
|--|--|--|--|--|
| Maximum quantity | The total quantity of waste accepted at the site for the above activity shall be less than 75,000 tonnes a year. | | | |
| Waste code | Description | | | |
| 20 01 39 | plastics | | | |
| 20 03 | other municipal wastes | | | |
| 20 03 01 | mixed municipal waste | | | |
| 20 03 02 | waste from markets | | | |
| 20 03 03 | street-cleaning residues | | | |

Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|--|---|----------------------|------------------------------|---|---|-------------------------------|
| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| Monitoring locations as per Schedule1, Table S1.3, pre- operational conditions for future development, PO2 | Outlet from | VOCs | 100mg/m ³ | Reference period, monitoring frequency and standard as per Schedule1, Table S1.2, pre | | |
| | bio-filters emitting | Ammonia | 5 mg/m ³ | | | |
| | treated air from inside buildings and plant. | Hydrogen Sulphide | 2 mg/m ³ | | ndard as per Schedule1, Table S1.2, perational conditions for future relopment, PO2 | |

| Table S3.2 Ambient air monitoring requirements | | | | | |
|--|--------------------|----------------------|--|----------------------|--|
| Location or description of point of measurement | Parameter | Monitoring frequency | Monitoring standard or method | Other specifications | |
| Monitoring locations as per Schedule1, Table S1.3, pre- | Particulate matter | Continuous | Monitoring standards and other specifications d as per Schedule1, Table S1.2, pre-operational conditions for future development, PO2 | | |
| operational conditions for future development, PO2 | Odours | Daily | | | |
| | Total bacteria | Weekly | | | |
| | Total fungi | Weekly | | | |
| Internal for each windrow and for any sample of waste or compost | Temperature | | | | |

Schedule 4 – Reporting

| Table S4.1 Reporting of monitoring data | | | | | |
|--|---|------------------|---------------|--|--|
| Parameter | Emission or monitoring point/reference | Reporting period | Period begins | | |
| Emissions to air Parameters as required by condition 3.5.1. | Monitoring locations as per Schedule1, Table S1.3, improvement condition (IC1) | Every 6 months | 01/01, 01/07 | | |
| Ambient air monitoring Parameters as required by condition 3.5.1 | Monitoring locations as per Schedule1, Table S1.3, improvement condition (IC1) | Every 6 months | 01/01, 01/07 | | |

Schedule 5 - Notification

These pages outline the information that the operator must provide.

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

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

Part A

Permit Number

| Name of operator | |
|--|--|
| Location of Facility | |
| Time and date of the detection | |
| | |
| | any malfunction, breakdown or failure of equipment or techniques, nce not controlled by an emission limit which has caused, is 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 t | the breach of a limit |
| To be notified within 24 hours of | detection unless otherwise specified below |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |

Measured value and uncertainty

Date and time of monitoring

| (b) Notification requirements for | the breach of a li | imit | |
|--|--------------------|---------------------------|---------------------|
| To be notified within 24 hours of | detection unless | otherwise specified belo |)W |
| Measures taken, or intended to be taken, to stop the emission | | | |
| | | | |
| Time periods for notification follo | wing detection of | of a breach of a limit | |
| Parameter | | | Notification period |
| | | | |
| | | | |
| | | | |
| | | | |
| (c) Notification requirements for t | the detection of a | any significant adverse e | nvironmental 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 submit | | n as practicable | ; |
| notification under Part A. | | | |
| Measures taken, or intended to be t a recurrence of the incident | aken, to prevent | | |
| Measures taken, or intended to be t limit or prevent any pollution of the which has been or may be caused by | environment | | |
| The dates of any unauthorised emis facility in the preceding 24 months. | ssions from the | | |
| | | | |
| Name* | | | |
| Post | | | |
| Signature | | | |
| Date | | | |

^{*} authorised to sign on behalf of the operator

Schedule 6 - Interpretation

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

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

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

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

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

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

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

"emissions to land" includes emissions to groundwater.

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

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

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

"groundwater protection zones 1 and 2" have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

"Hazardous property" has the meaning in Annex III of the Waste Framework Directive.

"Hazardous waste" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

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

"pests" means birds, vermin and insects.

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

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

"Waste Framework Directive" or "WFD" means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"year" means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.1,S2.2, S2.3, S2.4 and S2.5, for those tables, they have the meaning given below:

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

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

"PCBs" means

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

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

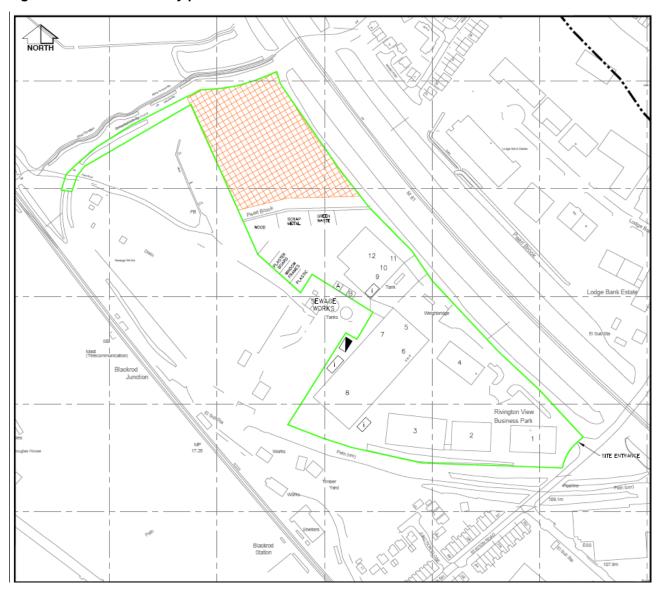
"stabilisation" means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

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

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

Schedule 7 – Site plan

Figure S7.1 – Site boundary plan



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