

# Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Cartwrights Waste Disposal Services Limited

Cartwrights Waste Disposal Services
Limited
Unit 21
Halesfield 21
Halesfield
Telford
Shropshire
TF7 4NX

Variation application number EPR/BP3895CR/V003

Permit number EPR/BP3895CR

# **Cartwrights Waste Disposal Services Limited**

# Permit number EPR/BP3895CR

# Introductory note

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

The following notice gives notice of the variation of an environmental permit.

This application is to upgrade the old waste disposal permit to new EPR template permit. There are no other changes to the permit other than changes to some of the storage limits.

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

Status log of the perm	t	
Description	Date	Comments
Application A25/80/SY/4	Issued 25/05/93	
Licence modified	13/06/94	
Licence modified	21/03/97	New permit reference number EAWML47079
Licence modified	19/04/00	
Licence modified	10/12/03	
Permit transfer	16/03/06	Permit transferred to Cartwrights Waste Disposal Services Limited
Permit variation	08/09/11	To upgrade the permit to the new style template.
Permit variation	Duly made	
	16/11/11	
Permit determined	06/03/12	Permit issued

End of introductory note

# **Notice of variation**

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of The Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number EPR/BP3895CR

Issued to:

Cartwrights Waste Disposal Services Limited ("the operator"),

whose registered office is

Military House 24 Castle Street Chester Cheshire CH1 2DS

company registration number 03782883

to operate a regulated facility at

Cartwrights Waste Disposal Services Limited
Unit 21

Halesfield 21

Halesfield

Telford

TF7 4NX

to the extent set out in the schedules.

The notice shall take effect from 06/03/2012

_Name	Date
Andrew Turner	06/03/2012

Authorised on behalf of the Environment Agency

#### Schedule 1 – conditions to be deleted

The following conditions and schedules are deleted as a result of the application made by the operator,

- delete all conditions to permit number EPR/BP3895CR and
- delete all schedules to permit number EPR/BP3895CR.

#### Schedule 2 – conditions to be amended

none.

#### Schedule 3 – conditions to be added

The following conditions are added as a result of the application made by the operator,

- add the attached conditions 1 to 4 inclusive,
- add the attached schedules 1 to 7 inclusive.

## Schedule 4 - amended plan

• a new plan has been added in schedule 7.

### **Conditions**

# 1. Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
  - in accordance with a written management system that identifies and minimises risks
    of pollution, including those arising from operations, maintenance, accidents,
    incidents, non-conformances 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 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
  - (b) 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 specified in schedule 1, table S1.2 or otherwise required under this permit, 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.
- 2.3.2 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, S2.5 and S2.6; and
  - (b) it conforms to the description in the documentation supplied by the producer or holder.

## 2.4 Technical requirements

#### WEEE wastes only

- 2.4.1 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.
- 2.4.2 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRT).
- 2.4.3 As a minimum, the substances, preparations and components specified in schedule 1 table S1.3 shall be removed from any separately collected WEEE.
- 2.4.4 All fluids contained within any WEEE shall be removed prior to further treatment.
- 2.4.5 Separately collected components of WEEE specified in schedule 1 table S1.4 shall be treated in accordance with the methods specified in that table.
- 2.4.6 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

# 3 Emissions and monitoring

# 3.1 Emissions of substances not controlled by emission limits

3.1.1 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.

#### 3.1.2 The operator shall:

- 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;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.1.3 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.

#### 3.2 Odour

- 3.2.1 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.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

#### 3.3 Noise and vibration

- 3.3.1 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.
- 3.3.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;

(b) implement the approved noise and vibration management 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.

#### 4.3 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

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 a	ctivities	
Activities	Description of activities	Limits of activities
A1 Storage of non- hazardous waste	R13: Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending	Unless specified elsewhere in table S1.1 all wastes shall be stored on an impermeable surface with sealed drainage.
	collection, on the site where it is produced.	Waste types as specified in schedule 2 tables S2.2, S2.3 and S2.5
	<b>D14:</b> Repackaging of waste prior to the waste being submitted to any of the operations listed in paragraphs 1 to 13 of this Part of	Waste storage :  • wastes specified in schedule
	this Schedule.	2 table S2.2 shall be stored within a building, a bay or a skip.
	D15: Storage of waste pending any of the operations listed in paragraphs 1 to 14 of this Part of this Schedule, but excluding	Max storage of 500 tonnes outside and 800 tonnes inside at any one time.
	temporary storage, pending collection, on the site where the waste is produced	<ul> <li>wastes specified in schedule 2 table S2.3 can also be stored on hard standing.</li> <li>Max storage of 10,000 tonnes and any one time.</li> </ul>
		wastes specified in schedule 2 table S2.5, consisting of uncontaminated ferrous, non- ferrous or alloy metal wastes can also be stored on hard standing. Max storage of 100 tonnes and any one time.
		<ul> <li>Gypsum based wastes 170802 shall be stored in the dry in a building and in a bay or a skip.</li> <li>Max storage of 45 tonnes and any one time.</li> </ul>
		<ul> <li>Wood based wastes shall be stored in a building and in a bay or a skip.</li> <li>Max storage of 100 tonnes and any one time.</li> </ul>
		<ul> <li>No more than 50 tonnes of intact and shredded vehicle tyres (waste code 160103 and 191204) at any one time.</li> </ul>

Table S1.1 a	ctivities	
Activities	Description of activities	Limits of activities
		All wastes shall be stored on an impermeable surface with sealed drainage  • Max storage of WEEE wastes 20 tonnes at any on time; • WEEE, disassembled spare parts, components or residues shall be stored on an impermeable surface with sealed drainage system with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers; • WEEE, disassembled spare parts, components or residues shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate; • disassembled spare parts containing liquids shall be stored in appropriate containers; • batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated,
A3 Storage of asbestos wastes	D14: Repackaging of waste prior to the waste being submitted to any of the operations listed in paragraphs 1 to 13 of this Part of	labelled and appropriate containers.  Wastes as specified in schedule 2 table S2.4  All wastes shall be double bagged, where possible, and stored within clearly identified, segregated, secure, lockable containers on an
	this Schedule.  D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	impermeable surface with sealed drainage system.  The maximum quantity of hazardous waste received and stored at the site for disposal shall not exceed 10 tonnes per day.  Waste types as specified in schedule 2 table S2.6

Activities A4 Treatment of non-	Description of activities	Limits of activities
A4 Treatment	•	Limits of activities
hazardous waste	D9: Physico-chemical treatment of waste not listed elsewhere in this Part of this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule (for example, evaporation, drying, calcination).  R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal (no more than 50 tonnes per day) or recovery.  Treatment of wastes shall be carried out on an impermeable surface with sealed drainage.
	<ul><li>R4: Recycling or reclamation of metals and metal compounds.</li><li>R5: Recycling or reclamation of other inorganic materials.</li></ul>	Waste types as specified in schedule 2 tables S2.2, S2.3 and S2.5
A5 Treatment of WEEE waste	R3: Recycling/reclamation of organic substances which are not used as solvents  R4: Recycling/reclamation of metals and metal compounds	Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, or cutting of waste into different components for recovery.
	R5: Recycling/reclamation of other inorganic materials	Treatment of WEEE shall be carried out within a building provided with a weatherproof covering; and     be carried out on an impermeable surface with sealed drainage system with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers.  The capacity of the site for hazardous waste subject to an R5.
		hazardous waste subject to an R5 activity shall not exceed 10 tonnes per day.  Waste types as specified in schedule 2 table S2.4
A6 Treatment of asbestos wastes		There shall be no treatment of asbestos wastes.  Waste types as specified in schedule 2 table S2.6

Table S1.2 Operating techniques			
Description	Parts	Date Received	
Application	Sections 3a, and 3b of the application document in response to section 3a – technical standards, Part C4 of the application form	16/11/11	

# Table S1.3 Substances, preparations and components to be removed from separately collected WEEE

- Capacitors containing Polychlorinated biphenyls (PCB)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- · Toner cartridges, liquid and pasty, as well as colour toner
- · Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- · Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- · Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than
   100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- · Components containing refractory ceramic fibres
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
- Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

Table S1.4 Specified Treatment Methods for separately collected components of WEEE		
Component	Specified Treatment	
Cathode ray tubes	The fluorescent coating shall be removed.	
Gas discharge lamps	The mercury shall be removed.	

# Schedule 2 - Waste types, raw materials and fuels

#### Table S2.1 Waste quantities and limits

#### **Quantities**

The maximum quantity of waste that can be accepted at the site shall be less than 61,250 tonnes per year.

The maximum quantity of wastes that can be stored at the site is 11,575 tonnes at any one time

Wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.

### Table S2.2 Permitted waste types (non-hazardous)

#### **Exclusions**

Notwithstanding the specification of waste types listed, wastes shall not be accepted at the site which have any of the following characteristics:

• consisting solely or mainly of dusts, powders or loose fibres

EWC	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING & FISHING, FOOD PREPARATION & PROCESSING
0201	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
020103	plant-tissue waste
020104	waste plastics (except packaging)
020107	wastes from forestry
0202	waste from the preparation and processing of meat, fish and other foods of animal origin
020203	materials unsuitable for consumption or processing
0203	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
020304	materials unsuitable for consumption or processing
0204	wastes from sugar processing
020401	soil from cleaning and washing beet
020402	off-specification calcium carbonate
0205	wastes from the dairy products industry
020501	materials unsuitable for consumption or processing
0206	wastes from the baking and confectionery industry
020601	materials unsuitable for consumption or processing
020602	wastes from preserving agents
0207	wastes from the production of alcoholic and non-alcoholic beverages
	(except coffee, tea and cocoa)
020701	wastes from washing, cleaning and mechanical reduction of raw materials
020702	wastes from spirits distillation
020704	materials unsuitable for consumption or processing
03	WASTES FROM WOOD PROCESSING & THE PRODUCTION OF PANELS &

Table S	2.2 Permitted waste types (non-hazardous)
Table S	FURNITURE, PULP, PAPER & CARDBOARD
0301	wastes from wood processing and the production of panels and furniture
030101	waste bark and cork
030105	sawdust, shavings, cuttings, wood, particle board and veneer other than those
	mentioned in 030104
0303	wastes from pulp, paper and cardboard production and processing
030301	waste bark and wood
030307	mechanically separated rejects from pulping of waste paper and cardboard
030308	wastes from sorting of paper and cardboard destined for recycling
030310	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	WASTES FROM THE LEATHER, FUR & TEXTILE INDUSTRIES
0401	wastes from the leather and fur industry
040108	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
040109	wastes from dressing and finishing
0402	wastes from the textile industry
040221	wastes from unprocessed textile fibres
040222	wastes from processed textile fibres
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
0609	wastes from the MSFU of phosphorous chemicals and phosphorous chemical
	processes
060902	phosphorous slag
060904	calcium-based reaction wastes other than those mentioned in 060903
0611	wastes from the manufacture of inorganic pigments and opacificiers
061101	calcium-based reaction wastes from titanium dioxide production
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
0702	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
070213	waste plastic
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
0901	wastes from the photographic industry
090107	photographic film and paper containing silver or silver compounds
	photographic film and paper free of silver or silver compounds
10	WASTES FROM THERMAL PROCESSES
1001	wastes from power stations and other combustion plants (except 19)
100101	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 100104)
100105	calcium-based reaction wastes from flue-gas desulphurisation in solid form
100107	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
100115	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 100114
100119	wastes from gas cleaning other than those mentioned in 100105, 100107 and 100118
100124	sands from fluidised beds
1002	wastes from the iron and steel industry
100201	wastes from the processing of slag
100202	unprocessed slag
100208	solid wastes from gas treatment other than those mentioned in 100207
100210	mill scales
100214	sludges and filter cakes from gas treatment other than those mentioned in 100213
100215	other sludges and filter cakes
1003	wastes from aluminium thermal metallurgy

Table S	22.2 Permitted wests types (non hazardous)
	2.2 Permitted waste types (non-hazardous)
100302	anode scraps waste alumina
100303	skimmings other than those mentioned in 100315
100318	carbon-containing wastes from anode manufacture other than those mentioned in
	100317
100324	Solid wastes from gas treatment other than those mentioned in 100323
100326	sludges and filter cakes from gas treatment other than those mentioned in 100325
100328	wastes from cooling-water treatment other than those mentioned in 100327
100330	wastes from treatment of salt slags and black drosses other than those mentioned in 100329
1004	Wastes from lead thermal metallurgy
100410	wastes from cooling-water treatment other than those mentioned in 100409
1005	wastes from zinc thermal metallurgy
100501	slags from primary and secondary production
100509	wastes from cooling-water treatment other than those mentioned in 100508
100511	dross and skimmings other than those mentioned in 100510
1006	wastes from copper thermal metallurgy
100601	slags from primary and secondary production
100602	dross and skimmings from primary and secondary production
100610	wastes from cooling-water treatment other than those mentioned in 100609
1007	wastes from silver, gold and platinum thermal metallurgy
100701	slags from primary and secondary production
100702	dross and skimmings from primary and secondary production
100703	solid wastes from gas treatment
100705	sludges and filter cakes from gas treatment
100703	sludges and filter cakes from gas treatment
100703	wastes from cooling-water treatment other than those mentioned in 100707
100708	wastes from cooling-water treatment other than those mentioned in 100707
100708 1008	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy
100708 1008 100809	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags
100708 1008 100809 100811	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in
100708 1008 100809 100811 100813	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812
100708 1008 100809 100811 100813	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags  dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812  anode scrap
100708 1008 100809 100811 100813 100814 100818	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817
100708 1008 100809 100811 100813 100814 100818 100820	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819
100708 1008 100809 100811 100813 100814 100818 100820 1009	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces
100708 1008 100809 100811 100813 100814 100818 100820 1009 100903	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags  dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812  anode scrap  sludges and filter cakes from flue-gas treatment other than those mentioned in 100817  wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces  furnace slag  casting cores and moulds which have not undergone pouring other than those
100708 1008 100809 100811 100813 100814 100818 100820 10090 100903	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces furnace slag casting cores and moulds which have not undergone pouring other than those mentioned in 100905 casting cores and moulds which have undergone pouring other than those mentioned in
100708 1008 100809 100811 100813 100814 100820 10090 100903 100906	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces furnace slag casting cores and moulds which have not undergone pouring other than those mentioned in 100905 casting cores and moulds which have undergone pouring other than those mentioned in 100907
100708 1008 100809 100811 100813 100814 100820 10090 100903 100906	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces furnace slag casting cores and moulds which have not undergone pouring other than those mentioned in 100905 casting cores and moulds which have undergone pouring other than those mentioned in 100907 waste binders other than those mentioned in 100913
100708 1008 100809 100811 100813 100814 100818 100820 10090 100906 100908 100914 100916	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags  dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812  anode scrap  sludges and filter cakes from flue-gas treatment other than those mentioned in 100817  wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces  furnace slag  casting cores and moulds which have not undergone pouring other than those mentioned in 100905  casting cores and moulds which have undergone pouring other than those mentioned in 100907  waste binders other than those mentioned in 100913  waste crack-indicating agent other than those mentioned in 100915
100708 1008 100809 100811 100813 100814 100820 10090 100903 100906 100908 100914 100916 10010	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812  anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817  wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces  furnace slag  casting cores and moulds which have not undergone pouring other than those mentioned in 100905  casting cores and moulds which have undergone pouring other than those mentioned in 100907  waste binders other than those mentioned in 100913  waste crack-indicating agent other than those mentioned in 100915  wastes from casting of non-ferrous pieces
100708 1008 100809 100811 100813 100814 100818 100820 100906 100906 100908 100914 100916 101003	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces furnace slag casting cores and moulds which have not undergone pouring other than those mentioned in 100905 casting cores and moulds which have undergone pouring other than those mentioned in 100907 waste binders other than those mentioned in 100913 waste crack-indicating agent other than those mentioned in 100915 wastes from casting of non-ferrous pieces furnace slag casting cores and moulds which have not undergone pouring, other than those
100708 1008 10080 100811 100813 100814 100818 100820 1009 100903 100906 100908 100914 100916 10100 101003	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy other slags dross and skimmings other than those mentioned in 100810 carbon-containing wastes from anode manufacture other than those mentioned in 100812 anode scrap sludges and filter cakes from flue-gas treatment other than those mentioned in 100817 wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces furnace slag casting cores and moulds which have not undergone pouring other than those mentioned in 100905 casting cores and moulds which have undergone pouring other than those mentioned in 100907 waste binders other than those mentioned in 100913 waste crack-indicating agent other than those mentioned in 100915  wastes from casting of non-ferrous pieces furnace slag casting cores and moulds which have not undergone pouring, other than those mentioned in 101005 casting cores and moulds which have undergone pouring, other than those mentioned in 101005 casting cores and moulds which have undergone pouring, other than those mentioned
100708 1008 100809 100811 100813 100814 100820 10090 100906 100908 100914 100916 101003 101006	wastes from cooling-water treatment other than those mentioned in 100707  wastes from other non-ferrous thermal metallurgy  other slags  dross and skimmings other than those mentioned in 100810  carbon-containing wastes from anode manufacture other than those mentioned in 100812  anode scrap  sludges and filter cakes from flue-gas treatment other than those mentioned in 100817  wastes from cooling-water treatment other than those mentioned in 100819  wastes from casting of ferrous pieces  furnace slag  casting cores and moulds which have not undergone pouring other than those mentioned in 100905  casting cores and moulds which have undergone pouring other than those mentioned in 100907  waste binders other than those mentioned in 100913  waste crack-indicating agent other than those mentioned in 100915  wastes from casting of non-ferrous pieces  furnace slag  casting cores and moulds which have not undergone pouring, other than those mentioned in 101005  casting cores and moulds which have undergone pouring, other than those mentioned in 101005  casting cores and moulds which have undergone pouring, other than those mentioned in 101007

Toble S	22.2 Permitted waste types (non hazardays)
1011	2.2 Permitted waste types (non-hazardous)  wastes from manufacture of glass and glass products
101103	wastes from manufacture of glass and glass products waste glass-based fibrous materials
101110	waste grass-based librous materials waste preparation mixture before thermal processing, other than those mentioned in
101110	101109
101112	waste glass other than those mentioned in 101111
101116	solid wastes from flue-gas treatment other than those mentioned in 101115
101118	sludges and filter cakes from flue-gas treatment other than those mentioned in 101117
1012	wastes from manufacture of ceramic goods, bricks, tiles and construction products
101201	waste preparation mixture before thermal processing
101205	sludges and filter cakes from gas treatment
101206	discarded moulds
101208	waste ceramics, bricks, tiles and construction products (after thermal processing)
101210	solid wastes from gas treatment other than those mentioned in 101209
101212	wastes from glazing other than those mentioned in 101211
1013	wastes from manufacture of cement, lime and plaster and articles and products made from them
101301	waste preparation mixture before thermal processing
101304	wastes from calcination and hydration of lime
101307	sludges and filter cakes from gas treatment
101310	wastes from asbestos-cement manufacture other than those mentioned in 101309
101311	wastes from cement-based composite materials other than those mentioned in 101309 and 101310
101313	solid wastes from gas treatment other than those mentioned in 101312
101314	waste concrete and concrete sludge
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS
	AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
1101	wastes from chemical surface treatment and coating of metals and other
1101	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling
	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)
110110	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) sludges and filter cakes other than those mentioned in 110109
110110 110114	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113
110110 110114 <b>1102</b>	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes
110110 110114 <b>1102</b> 110203	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes
110110 110114 <b>1102</b>	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes
110110 110114 <b>1102</b> 110203	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in
110110 110114 1102 110203 110206 1105 110501	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205
110110 110114 1102 110203 110206 1105 110501 110502	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205 wastes from hot galvanising processes hard zinc zinc ash
110110 110114 1102 110203 110206 1105 110501	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205 wastes from hot galvanising processes hard zinc
110110 110114 1102 110203 110206 1105 110501 110502	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205 wastes from hot galvanising processes hard zinc zinc ash WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS wastes from shaping and physical and mechanical surface treatment of metals
110110 110114 1102 110203 110206 1105 110501 110502	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205 wastes from hot galvanising processes hard zinc zinc ash WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS
110110 110114 1102 110203 110206 1105 110501 110502 12 1201	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113 wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205 wastes from hot galvanising processes hard zinc zinc ash WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS wastes from shaping and physical and mechanical surface treatment of metals and plastics plastics shavings and turnings
110110 110114 1102 110203 110206 1105 110501 110502 12 1201 120105 120113	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) sludges and filter cakes other than those mentioned in 110109 degreasing wastes other than those mentioned in 110113  wastes from non-ferrous hydrometallurgical processes wastes from the production of anodes for aqueous electrolytical processes wastes from copper hydrometallurgical processes other than those mentioned in 110205  wastes from hot galvanising processes hard zinc zinc ash  WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS  wastes from shaping and physical and mechanical surface treatment of metals and plastics plastics shavings and turnings welding wastes
110110 110114 1102 110203 110206 1105 110501 110502 12 1201 120105 120113 120117	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)  sludges and filter cakes other than those mentioned in 110109  degreasing wastes other than those mentioned in 110113  wastes from non-ferrous hydrometallurgical processes  wastes from the production of anodes for aqueous electrolytical processes  wastes from copper hydrometallurgical processes other than those mentioned in 110205  wastes from hot galvanising processes  hard zinc  zinc ash  WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT  OF METALS & PLASTICS  wastes from shaping and physical and mechanical surface treatment of metals and plastics  plastics shavings and turnings  welding wastes  waste blasting material other than those mentioned in 120116
110110 110114 1102 110203 110206 1105 110501 110502 12 12011 120105 120113 120117 120121	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)  sludges and filter cakes other than those mentioned in 110109  degreasing wastes other than those mentioned in 110113  wastes from non-ferrous hydrometallurgical processes  wastes from the production of anodes for aqueous electrolytical processes  wastes from copper hydrometallurgical processes other than those mentioned in 110205  wastes from hot galvanising processes  hard zinc  zinc ash  WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS  wastes from shaping and physical and mechanical surface treatment of metals and plastics  plastics shavings and turnings  welding wastes  waste blasting material other than those mentioned in 120116  spent grinding bodies and grinding materials other than those mentioned in 120120
110110 110114 1102 110203 110206 1105 110501 110502 12 1201 120105 120113 120117	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)  sludges and filter cakes other than those mentioned in 110109  degreasing wastes other than those mentioned in 110113  wastes from non-ferrous hydrometallurgical processes  wastes from the production of anodes for aqueous electrolytical processes  wastes from copper hydrometallurgical processes other than those mentioned in 110205  wastes from hot galvanising processes  hard zinc  zinc ash  WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT  OF METALS & PLASTICS  wastes from shaping and physical and mechanical surface treatment of metals and plastics  plastics shavings and turnings  welding wastes  waste blasting material other than those mentioned in 120116
110110 110114 1102 110203 110206 1105 110501 110502 12 1201 120105 120113 120117 120121	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)  sludges and filter cakes other than those mentioned in 110109  degreasing wastes other than those mentioned in 110113  wastes from non-ferrous hydrometallurgical processes  wastes from the production of anodes for aqueous electrolytical processes  wastes from copper hydrometallurgical processes other than those mentioned in 110205  wastes from hot galvanising processes  hard zinc  zinc ash  WASTES FROM SHAPING & PHYSICAL & MECHANICAL SURFACE TREATMENT OF METALS & PLASTICS  wastes from shaping and physical and mechanical surface treatment of metals and plastics  plastics shavings and turnings  welding wastes  waste blasting material other than those mentioned in 120116  spent grinding bodies and grinding materials other than those mentioned in 120120  WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS &

T. I. I. 6	20.0 B
	2.2 Permitted waste types (non-hazardous)
150102	plastic packaging
150103	wooden packaging
150105	composite packaging
150106	mixed packaging
150107	glass packaging
150109	textile packaging
1502	absorbents, filter materials, wiping cloths and protective clothing
150203	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 150202
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
1601	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, 1606 and 1608)
160103	end-of-life tyres
1603	off-specification batches and unused products
160304	inorganic wastes other than those mentioned in 160303
160306	organic wastes other than those mentioned in 160305
1611	waste linings and refractories
161102	carbon-based linings and refractories from metallurgical processes others than those mentioned in 161101
161104	other linings and refractories from metallurgical processes other than those mentioned in 161103
161106	linings and refractories from non-metallurgical processes others than those
	mentioned in 161105
17	CONSTRUCTION & DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
1702	wood, glass and plastic
170201	wood
170202	glass
170203	plastic
1703	bituminous mixtures, coal tar and tarred products
170302	glass
1708	gypsum-based construction material
170802	gypsum-based construction materials other than those mentioned in 170801
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS & PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE
1901	wastes from incineration or pyrolysis of waste
190112	bottom ash and slag other than those mentioned in 190111
190118	pyrolysis wastes other than those mentioned in 190117
190119	sands from fluidised beds
	wastes from physico/chemical treatments of waste (including dechromatation,
1902	
1902	decyanidation, neutralisation)
<b>1902</b> 190203	premixed wastes composed only of non-hazardous wastes
190203	premixed wastes composed only of non-hazardous wastes
190203 190210	premixed wastes composed only of non-hazardous wastes combustible wastes other than those mentioned in 190208 and 190209
190203 190210 <b>1904</b>	premixed wastes composed only of non-hazardous wastes combustible wastes other than those mentioned in 190208 and 190209 vitrified waste and wastes from vitrification
190203 190210 <b>1904</b> 190401	premixed wastes composed only of non-hazardous wastes combustible wastes other than those mentioned in 190208 and 190209 vitrified waste and wastes from vitrification vitrified waste

Table S	2.2 Permitted waste types (non-hazardous)			
190503	off-specification compost			
1912	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified			
191201	paper and cardboard			
191204	plastic and rubber			
191205	glass			
191207	wood other than that mentioned in 191206			
191208	textiles			
191210	combustible waste (refuse derived fuel)			
1913	wastes from soil and groundwater remediation			
191302	solid wastes from soil remediation other than those mentioned in 191301			
20	MUNICIPAL WASTES (HOUSEHOLD WASTE & SIMILAR COMMERCIAL, INDUSTRIAL & INSTITUTIONAL WASTES) INCLUDING SEPARATELY			
	COLLECTED FRACTIONS			
2001	Separately collected fractions (except 1501)			
200101	paper and cardboard			
200102	glass			
200108	biodegradable kitchen and canteen waste			
200110	clothes			
200111	textiles			
200138	wood other than that mentioned in 200137			
200139	plastics			
200141	wastes from chimney sweeps			
2002	garden and park wastes (including cemetery waste)			
200201	biodegradable waste			
2003	other municipal wastes			
200301	mixed municipal waste			
200302	waste from markets			
200303	street-cleaning residues			
200307	bulky waste			

### Table S2.3 Permitted waste types (construction and demolition wastes)

#### **Exclusions**

Notwithstanding the specification of waste types listed, wastes shall not be accepted at the site which have any of the following characteristics:

• Consisting solely or mainly of dusts, powders or loose fibres

EWC	Description		
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS		
0101	wastes from mineral excavation		
010102	wastes from mineral non-metalliferous excavation		
0103	wastes from physical and chemical processing of metalliferous minerals		
010306	tailings other than those mentioned in 010304 and 010305		
010309	red mud from alumina production other than the wastes mentioned in 010307		
0104	wastes from physical and chemical processing of non-metalliferous minerals		
010408	waste gravel and crushed rocks other than those mentioned in 010407		
010409	waste sand and clays		
010411	wastes from potash and rock salt processing other than those mentioned in 010407		

Table S2	2.3 Permitted waste types (construction and demolition wastes)		
Table 02	tailings and other wastes from washing and cleaning of minerals other than those		
010412	mentioned in 010407 and 010411		
010413	wastes from stone cutting and sawing other than those mentioned in 010407		
17	CONSTRUCTION & DEMOLITION WASTES (INCLUDING EXCAVATED SOIL		
	FROM CONTAMINATED SITES)		
1701	concrete, bricks, tiles and ceramics		
170101	concrete		
170102	bricks		
170103	tiles and ceramics		
170107	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 170106		
1705	soil (including excavated soil from contaminated sites), stones and dredging spoil		
170504	soil and stones other than those mentioned in 170503		
170508	track ballast other than those mentioned in 170507		
1706	Insulation materials and asbestos-containing construction materials		
170604	insulation materials other than those mentioned in 170601 and 170603		
1708	gypsum-based construction material		
170802	gypsum-based construction materials other than those mentioned in 170801		
1709	other construction and demolition wastes		
170904	mixed construction and demolition wastes other than those mentioned in 170901, 170902 and 170903		
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER		
	TREATMENT PLANTS & PREPARATION OF WATER INTENDED FOR HUMAN		
	CONSUMPTION/INDUSTRIAL USE		
1912	wastes from the mechanical treatment of waste (for example sorting, crushing,		
	compacting, pelletising) not otherwise specified		
191209	minerals (for example sand, stones)		
20	MUNICIPAL WASTES (HOUSEHOLD WASTE & SIMILAR COMMERCIAL, INDUSTRIAL & INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS		
2002	garden and park wastes (including cemetery waste)		
200202	soil and stones		

#### Table S2.4 Permitted waste types (WEEE wastes)

#### **Exclusions**

Notwithstanding the specification of waste types listed in this table, wastes shall not be accepted at the site which have any of the following characteristics:

- Consisting solely or mainly of dusts, powders or loose fibres
- Containing ozone-depleting substances.

EWC	Description		
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY		
0901	wastes from the photographic industry		
090110	single-use cameras without batteries		
090112	single-use cameras containing batteries other than those mentioned in 090111		
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST		
1602	wastes from electrical and electronic equipment		
160214	discarded equipment other than those mentioned in 160209 to 160213		
160216	components removed from discarded equipment other than those mentioned in 160215		
1606	batteries and accumulators		

#### Table S2.4 Permitted waste types (WEEE wastes)

#### **Exclusions**

Notwithstanding the specification of waste types listed in this table, wastes shall not be accepted at the site which have any of the following characteristics:

- Consisting solely or mainly of dusts, powders or loose fibres
- Containing ozone-depleting substances.

200123 and 200135

	0 1 0		
EWC	Description		
160604	alkaline batteries (except 160603)		
160605	other batteries and accumulators		
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS		
2001	Separately collected fractions (except 1501)		
200134	batteries and accumulators other than those mentioned in 200133		
200136	discarded electrical and electronic equipment other than those mentioned in 200121,		

Table S2	2.5 Permitted waste types (metal wastes)		
Exclusion	ns		
Wastes having any of the following characteristics shall not be accepted.			
<ul> <li>Consisting solely or mainly of dust, powders or loose fibres,</li> </ul>			
Waste that are in the form which is either sludge or liquid.			
EWC			
Code			
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY,		
	HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING		
0201	wastes from agriculture, horticulture, aquaculture, forestry, hunting & fishing		
020110	waste metal		
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS		
1201	wastes from shaping & physical & mechanical surface treatment of metals & plastics		
120101	ferrous metal filings and turnings		
120103	non-ferrous metal filings and turnings		
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		
1501	packaging (including separately collected municipal packaging waste)		
150104	metallic packaging		
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)		
1704	metals (including their alloys)		
170401	copper, bronze, brass		
170402	aluminium		
170403	lead		
170404	zinc		
170405	iron and steel		
170406	tin		
170407	mixed metals		
170411	70411 cables other than those mentioned in 170410		
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	
1901	wastes from incineration or pyrolysis of waste	
190102	ferrous materials removed from bottom ash	
1912	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
191202	ferrous metal	
191203	non-ferrous metal	
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTUIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
2001	separately collected fractions (except 1501)	
200140	metals	

Table S2	Table S2.6 Permitted waste types (Asbestos)	
Exclusion	Exclusions	
	aving any of the following characteristics shall not be accepted.	
•	Consisting solely or mainly of dust, powders or loose fibres,	
• V	Vaste that are in the form which is either sludge or liquid.	
EWC	Description	
Code		
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED	
	SOIL FROM CONTAMINATED SITES)	
1706	insulation materials and asbestos-containing construction materials	
170601*	insulation materials containing asbestos	М
170605*	construction materials containing asbestos	М

 Note
 \*

 A = Absolute Entry
 - Hazardous Waste regardless of any threshold concentrations

 M = Mirror Entry
 - Hazardous Waste only if the dangerous substances are present above threshold concentrations

# Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

# **Schedule 4 - Reporting**

There is no reporting under this schedule.

# **Schedule 5 - Notification**

Part A

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.

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	
(a) Notification requirements for	any malfunction, breakdown or failure of equipment or
techniques, accident, or emission	on of a substance not controlled by an emission limit which has
caused, is causing or may cause	e significant pollution
To be	e 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 2	4 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	

Time periods for notification follo	aning actionion of a bica	
Parameter		Notification period
(c) Notification requirements for t	no detection of any sign	ificant adverse environmental effect
	notified within 24 hours	
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 pract	ticable
Any more accurate information on the	e matters for	
notification under Part A.		
Measures taken, or intended to be to	aken, to	
prevent a recurrence of the incident		
Measures taken, or intended to be ta	aken, 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 emis	sions from	
the facility in the preceding 24 month	ns.	
Name*		
Post		
Signature		
Date		

be taken, to stop the emission

<sup>\*</sup> authorised to sign on behalf of the operator

# **Schedule 6 - Interpretation**

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

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

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

"best available treatment, recovery and recycling techniques" shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled "Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE);

"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 or background concentration limit.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 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 waste" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

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

"pollution" means emissions as a result of human activity which may—

(a) be harmful to human health or the quality of the environment,

- (b) cause offence to a human sense,
- (c) result in damage to material property, or
- (d) impair or interfere with amenities and other legitimate uses of the environment.

"Industry Standard Protocol" means "A standardised protocol for the monitoring of bioaerosols at open composting facilities" published by the Association for Organics Recycling and developed in conjunction with the Environment Agency

"inert waste" means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater. All of the criteria listed in Article 1 of Commission Decision 2009/359 must be fulfilled

"ozone-depleting substances" "ODS" means "controlled substances" contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

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

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

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

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

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

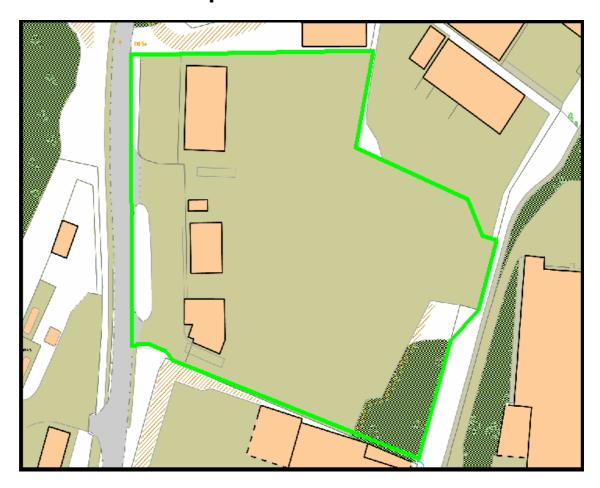
"Waste Framework Directive" or "WFD" means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"WEEE" means waste electrical and electronic equipment.

"WEEE Directive" means Directive 2002/96/EC of the European Parliament and of the Council of 27th January 2003 on waste electrical and electronic equipment (WEEE) as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8th December 2003 on waste electrical and electronic equipment (WEEE).

"year" means calendar year ending 31 December

# Schedule 7 - Site plan



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**END OF PERMIT**