

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

ECO-Option (UK) Limited

Lostock Works Fertiliser Production & Metal Recovery Plant
ECO-Option House
Lostock Works
Off Griffiths Road
Northwich
Cheshire
CW9 7XU

Variation application number

EPR/RP3931XD/V004

Permit number

EPR/RP3931XD

Lostock Works Fertiliser Production & Metal Recovery Plant

Permit number EPR/RP3931XD

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (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.

The main features of the facility are as follows:

The operations are located on a four acre brownfield site to the east of Northwich within the Lostock Works complex, which has been a chemical works site for over 100 years. Access is gained via the main Tata Chemicals Europe access point off the A530 Griffiths Road to the east of the site. The site comprises two regulated facilities consisting of an installation and a waste operation, involving recovery and disposal activities, with a total capacity of 130,000 tpa waste.

The operator is permitted to undertake the following main activities:

- Production of liquid fertilisers by blending waste liquid fertilisers, solutions arising from internal metal recovery processes, liquidising of solid fertilisers and ammonia salts and the treatment of waste acids and ammonia solutions;
- Blending of solid fertilisers;
- Storage and treatment of hazardous and non-hazardous waste. Waste is stored within appropriate bays and segregated, either to be treated on site for recovery or disposal or sent for third party treatment, recovery or disposal off site;
- Recovery of precious metals, semi precious metals and other metals by neutralisation, oxidation, reduction and precipitation;
- Recovery of dental amalgam;
- Electrolytic refining of precious metals and copper in up to six electrolytic cells;
- Smelting of precious metals and copper in two crucible furnaces and two induction furnaces.

The site is surfaced with an impermeable surface with a 300mm bund around the perimeter of the site to contain any spillages on site. Surface water runoff is stored in tanks WT01 and WT02, pH adjusted if required, analysed and either used in on-site production processes or discharged in batch to foul sewer under a discharge consent issued by United Utilities. Clean roof water is discharged to Wade Brook situated 50 metres from the site. There are no emissions to groundwater. The nearest residential properties are approximately 300m from the site boundary.

Witton Lime Beds, classified as a Site of Special Scientific Interest (SSSI), is situated 1.5km east of the site. There are also two Ramsar sites and a Special Area of Conservation just within a 10km radius and four local wildlife sites within 2km, the nearest being Ashton's and Neumann's Flashes at 1km.

There are ten permitted point source emissions to air; three acidic, five alkaline, the bag filter plant and LEV system from the workshop. Fugitive releases to air may occur from bulking operations, drum washing and delivery of waste materials. None of these emissions are deemed significant in normal operation.

The operator operates under their own environmental policy and has obtained ISO9001, ISO14001 and OHSAS18001 certification. The staff on site are suitably qualified and hold relevant WAMITAB certificates.

This consolidation and variation is to implement minor changes to the permitted activities (including some becoming newly prescribed activities under the Industrial Emissions Directive) and to update the permit to the modern conditions template.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which includes the variations being made.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/RP3931XD/A001	Duly made 05/05/08	
Additional information requested	15/08/08	Response dated 06/10/08
Additional information received by email	18/01/09	
Permit determined EPR/RP3931XD	24/11/09	Effective
Agency variation determined EPR/RP3931XD/V002	20/01/14	Agency variation to implement the changes introduced by IED
Notified of change of company name	03/12/14	Name changed to ECO-Option (UK) Limited
Variation issued EPR/RP3931XD/V003	16/12/14	Varied permit issued to ECO-Option (UK) Limited
Application EPR/RP3931XD/V004	Duly Made 20/04/15	Duly Made on receipt as part of tranche of applications concerning new scheduled activities under IED
Variation EPR/RP3931XD/V004 issued (Billing ref JP3134AL)	27/08/15	Issued as modern conditions template consolidated permit

End of introductory note

Notice of variation and consolidation

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 and consolidates

Permit number

EPR/RP3931XD

Issued to

ECO-Option (UK) Limited (“the operator”)

whose registered office is

**ECO-Option House
Lostock Works
Off Griffiths Road
Northwich
Cheshire
CW9 7XU**

company registration number 02928553

to operate a regulated facility at

**Lostock Works Fertiliser Production & Metal Recovery Plant
ECO-Option House
Lostock Works
Off Griffiths Road
Northwich
Cheshire
CW9 7XU**

to the extent set out in the schedules.

The notice shall take effect from 27/08/2015

Name	Date
Philip Lamb	27/08/2015

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 2010

Permit number

EPR/RP3931XD

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/RP3931XD/V004 authorising,

ECO-Option (UK) Limited (“the operator”),

whose registered office

ECO-Option House

Lostock Works

Off Griffiths Road

Northwich

Cheshire

CW9 7XU

company registration number 02928553

to operate a regulated facility at

Lostock Works Fertiliser Production & Metal Recovery Plant

ECO-Option House

Lostock Works

Off Griffiths Road

Northwich

Cheshire

CW9 7XU

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

Name	Date
Philip Lamb	27/08/2015

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

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

1.2 Energy efficiency

- 1.2.1 For the activities referenced A1 to A21 in schedule 1, table S1.1 the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the activities referenced A1 to A21 in schedule 1, table S1.1 the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 For the activities referenced A1 to A21 in schedule 1, table S1.1 waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

- 2.3.1 For the activities referenced A1 to A21 in schedule 1, table S1.1 the activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2 and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Technical requirements

- 2.4.1 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex VIII of the WEEE Directive.

- 2.4.2 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).
- 2.4.3 As a minimum, the substances, preparations and components specified in table 2.4 shall be removed from any separately collected WEEE.

Table 2.4 Substances, preparations and components to be removed from separately collected WEEE
<ul style="list-style-type: none"> • 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 >25 mm, diameter >25 mm or proportionately similar volume)

- 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 table 2.5 shall be treated in accordance with the methods specified in that table.

Table 2.5 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

- 2.4.6 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the site.
- 2.4.7 Treatment of waste batteries and accumulators must meet the minimum requirements set out in Annex III, Part A of Directive 2006/66/EC of the European Parliament and of the Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.
- 2.4.8 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.5 Improvement programme

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.6 Pre-operational conditions

- 2.6.1 The operations specified in schedule 1 tables S1.4A and S1.4B shall not commence until the measures specified in the tables have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the

operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

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

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
- (b) process monitoring specified in table S3.4;

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

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

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 For the activities referenced A1 to A21 in schedule 1, table S1.1 a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 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:
- (c) any change in the operator's name or address; and
 - (d) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (e) the death of any of the named operators (where the operator consists of more than one named individual);
 - (f) any change in the operator's name(s) or address(es); and
 - (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	S2.2A(1)(a) Producing non-ferrous metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic activities.	R4: Recovery of copper from aqueous solutions, copper bearing acids, alkalis, metallics, salts, filter cakes and sludges.	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 5 tpd.
A2	S2.2A(1)(a) Producing non-ferrous metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic activities	R4: Recovery of precious metals and copper anodes by electrolytic refining	Restricted to precious metal and copper anodes arising from internal production; handling, storage, recycling and dispatch of waste materials arising from the listed activity. Methods, equipment, maximum storage capacities and duration shall be as detailed in the current approved Site Working Plan. Maximum capacity 5 tpd.
A3	S4.2A(1)(a)(iv) Producing inorganic chemicals such as - salts.	R4: Production of inorganic chemicals from precious and other metals by precipitation and dissolution. (associated with Metals Recovery)	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 30 tpd
A4	S4.2A(1)(a)(iv) Producing inorganic chemicals such as – salts.	R4: Production of inorganic chemicals from silver and gold cyanide plating solutions by detoxification.	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 1 tpd
A5	S5.3A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by involving one or more of the following activities – physico-chemical treatment.	R4: Production of inorganic chemicals from precious and other metals by precipitation and dissolution. (associated with Fertiliser Production)	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 30 tpd

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A6	S5.3A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by involving one or more of the following activities – physico-chemical treatment.	R4: Filter Cake production from metal bearing sludges.	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 10 tpd
A7	S5.3A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by involving one or more of the following activities – physico-chemical treatment.	R4 / R5: Shredding and milling of WEEE, internal and third party precious metal bearing wastes.	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 30 tpd
A8	S5.3A(1)(a)(ii) Washing of hazardous waste containers.	R3/R4/D9: Washing of hazardous waste containers for reuse, recycling or disposal off site.	Restricted to hazardous wastes listed in Table S2.2. Methods, equipment, maximum storage capacities and duration shall be as detailed in the current approved Site Working Plan.
A9	S5.3A(1)(a)(iii) Disposal or recovery of hazardous waste with a capacity of exceeding 10 tonnes per day involving one or more of the following activities – blending or mixing prior to submission to any of the other activities listed in this section or Section 5.1.	D13: Blending or mixing of hazardous wastes prior to submission of any operation numbered D1 – D12. R12: Exchange of wastes for submission to any of the operations numbered R1 to R11.	Blending and mixing of hazardous waste listed in Table S2.2 shall be undertaken in accordance with the current approved Site Working Plan.
A10	S5.3A(1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities – repackaging prior to submission to any of the other activities listed in this section or in section 5.1.	D14: Repackaging and bulking of hazardous waste prior to submission to any of the operations numbered D1 to D13. R4: Bulking of internally recovered precious and other metal solutions for recovery off site. R12: Exchange of wastes for submission to any of the operations numbered R1 to R11.	Repackaging and bulking of hazardous waste listed in Table S2.2 shall be in accordance with the current approved Site Working Plan.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A11, A12, A13, A14,	S5.3A(1)(a)(vi) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by involving one or more of the following activities – recycling or reclamation of inorganic materials other than metals or metal compounds.	R5: Recovery of liquid fertilizers by blending, dissolution of solids, acid neutralisation and ammonia stripping. R5: Recovery of solid fertiliser by crystallisation (4 lines in R1, R2, R3 and R4)	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 200 tpd per reactor
A15	S5.3A(1)(a)(vi) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by involving one or more of the following activities – recycling or reclamation of inorganic materials other than metals or metal compounds.	R5: Recovery of solid fertilisers by blending of solid waste, virgin or by-product fertilisers and internally produced crystallised ammonium salts.	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 100 tpd
A16	S5.6A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3 and paragraph (b) of this Section, except—(i) temporary storage, pending collection, on the site where the waste is generated, or (ii) activities falling within Section 5.2	D15: Storage pending any of the operations numbered D1 to D14. R13 Storage pending any of the operations numbered R1 to R12.	Storage of hazardous waste listed in Table S2.2, including methods, equipment, maximum storage capacities and duration, shall be in accordance with the current approved Site Working Plan. Asbestos waste shall be stored in sealed locked containers.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A17	S2.2B(a) Melting, including making alloys, of non-ferrous metals (other than tin or any alloy which in molten form contains 50 per cent or more by weight of tin), including recovered products (refining, foundry casting etc.) in plant with a melting capacity of 4 tonnes or less per day for lead or cadmium or 20 tonnes or less per day for all other metals.	R4: Melting of waste precious metals and waste copper	Receipt of wastes as specified in Table S2.2 (handling, storage, recycling and dispatch of waste materials arising from the listed activity) including methods, equipment, maximum storage capacities and duration, shall be as detailed in the current approved Site Working Plan. Maximum capacity 5 tpd
Directly Associated Activity			
A18	Washing and crushing of non-hazardous waste containers.	R3/R4/D9: Washing and crushing of non-hazardous waste containers for reuse, recycling or disposal off site.	Restricted to non-hazardous wastes listed in Table S2.2. Methods, equipment, maximum storage capacities and duration shall be as detailed in the current approved Site Working Plan.
A19	Storage and pH adjustment.	D15 / D9: Storage and pH adjustment of contaminated surface run-off prior to discharge to sewer.	Methods, equipment, maximum storage capacities and duration shall be as detailed in the current approved Site Working Plan. Limited to 50 tonnes per day.
A20	Storage of hazardous waste for recovery other than under S5.6 A(1)(a)	Storage (R13) pending recovery on this site to any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	Storage of hazardous waste for recovery listed in Table S2.2 shall be undertaken in accordance with the current approved Site Working Plan.
A21	Storage of non-hazardous waste pending treatment	Storage (R13) pending recover, on this site to any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	Storage of non-hazardous waste for recovery listed in Table S2.2 shall be undertaken in accordance with the current approved Site Working Plan..

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
	Description of activities for waste operations	Limits of activities	
A22	Storage (D15 and R13) of non-hazardous waste pending disposal or recovery off this site to any of the operations numbered D1 to D15 or R1 to R12 respectively (excluding temporary storage, pending collection, on the site where it is produced).	Storage of non-hazardous waste for disposal or recovery listed in Table S2.2 shall be undertaken in accordance with the current approved Site Working Plan.	
A23	R3: Recycling/reclamation of organic substances which are not used as solvents. R4: Recycling/reclamation of metals and metal compounds. R5: Recycling/reclamation of other inorganic compounds.	Treatment of non-hazardous waste for recovery listed in Table S2.2 shall be restricted to sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, milling, granulation, or cutting of waste into different components for recovery. Treatment of non-hazardous waste for recovery restricted to no more than 75 tonnes per day. Non-hazardous WEEE shall be stored and treated in accordance with conditions 2.4.1 to 2.4.6 of this permit. Methods, equipment, maximum storage capacities and duration shall be as detailed in the current approved Site Working Plan.	
A24	D13: Blending or mixing of non-hazardous wastes prior to submission of any operation numbered D1 to D12.	Blending or mixing of non-hazardous waste listed in Table S2.2 for disposal (no more than 50 tonnes per day) shall be undertaken in accordance with the current approved Site Working Plan.	
A25	D14: Repackaging and bulking of non-hazardous wastes. R12: Exchange of non-hazardous wastes for submission to any of the operations numbered R1 to R11.	Repackaging and bulking of non-hazardous waste in Table S2.2 shall be undertaken in accordance with the current approved Site Working Plan.	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to sections B2.1 – B2.12.	08/05/08
Response to Schedule 5 Notice dated 15/08/08	All.	06/10/08
Email dated 18 January 2009.	Response to question 2. 18/01/09	18/01/09
Odour Management Plan	All parts	March 2014
Application EPR/RP3931XD/V004	Non-technical summary LPJN/162/5 Management System Summary LPJN/162/3 Current approved site Working Plan (version submitted at application ECO 08003 v3.1 in response to Schedule 5 notice) Current Site layout plan as Appendix to current approved site working plan (version submitted at application SLP 102015)	Duly Made 20/04/15

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	NOISE	
IC1	The operator shall undertake a noise assessment in accordance with the procedures given in BS4142: 1997 (Rating industrial noise affecting mixed residential and industrial areas) and BS7445: 2003 (Description and measurement of environmental noise) or other methodology as agreed with the Environment Agency. Any noise source(s) identified as exhibiting tonal contributions shall be quantified by means of frequency analysis. Noise measurements shall be undertaken by an experienced and suitably qualified person. A copy of the assessment shall be submitted to the Environment Agency with an interpretation of the results, conclusions and recommendations drawn.	Complete
IC2	The operator shall undertake additional noise monitoring [in accordance with the requirements set out in IC1]. An updated copy of the assessment shall be submitted to the Environment Agency with an interpretation of the results, conclusions and recommendations drawn.	Complete as Phase 2 is superseded
IC3	The operator shall undertake additional noise monitoring [in accordance with the requirements set out in IC1]. A report comparing the actual monitoring results to predicted noise levels (submitted with the application - Reference CEA663) shall be submitted to the Environment Agency. This shall include a summary of the findings together with proposals for the implementation of any recommendations drawn.	Complete as Phase 3 is superseded
	EMISSIONS TO AIR	
IC4	The operator shall undertake monitoring of emissions to air from release points A2 and A3 [referred to as A3 and A4 in the application] in Phase 1 in line with the approved proposals in response to permit condition Schedule 1, Table S1.4A and Reference 4]. A report shall be submitted which shall include:	Complete

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<ul style="list-style-type: none"> the results from monitoring in line with MCERTS requirements and the in-house method; a comparison of the results gained from MCERTS accredited methods against the predicted emissions provided in the H1 assessment and air impact assessment [H&M2007/10/06r020808] provided in the application; <p>and</p> <ul style="list-style-type: none"> a comparison of the results from the MCERTS accredited method against the in-house method and an assessment of the accuracy of the in-house monitoring against the MCERTS accredited method. <p>Should the report indicate the emissions are having a significant effect measures to reduce emissions and proposed implementation dates shall be included in the report. The report shall be used to review the emission limits and monitoring requirements in Table S4.1, if required.</p>	
IC5	<p>The operator shall undertake monitoring of emissions to air from release point A5 [specified as A6 in the application] in Phase 2, in line with the approved proposals in response to permit condition 2.6.2 [Schedule 1, Table S1.4B, Reference 5]. A report shall be submitted which shall include:</p> <p>the results from monitoring in line with MCERTS requirements and the in-house method;</p> <p>a comparison of the results gained from MCERTS accredited methods against the predicted emissions provided in the H1 assessment and air impact assessment [H&M2007/10/06r020808] provided in the application;</p> <p>and</p> <p>a comparison of the results from the MCERTS accredited method against the in-house method and an assessment of the accuracy of the in-house monitoring against the MCERTS accredited method.</p> <p>Should the report indicate the emissions are having a significant effect measures to reduce emissions and proposed implementation dates shall be included in the report. The report shall be used to review the emission limits and monitoring requirements in Table S4.1, if required.</p>	Complete as Phase 2 is superseded
IC6	<p>The operator shall undertake monitoring of emissions to air from release points A1 and A4 [specified as A2 and A5 in the application] in Phase 3, in line with the approved proposals in response to permit condition 2.6.2 [Schedule 1, Table S1.4B, Reference 10]. A report shall be submitted which shall include:</p> <p>the results from monitoring in line with MCERTS requirements and the in-house method;</p> <p>a comparison of the results gained from MCERTS accredited methods against the predicted emissions provided in the H1 assessment and air impact assessment [H&M2007/10/06r020808] provided in the application;</p> <p>and</p> <p>a comparison of the results from the MCERTS accredited method against the in-house method and an assessment of the accuracy of the in-house monitoring against the MCERTS accredited method.</p> <p>Should the report indicate the emissions are having a significant effect measures to reduce emissions and proposed implementation dates shall be included in the report. The report shall be used to review the emission limits and monitoring requirements in Table S4.1, if required.</p>	Complete as Phase 3 is superseded
	SITE CLOSURE PLAN	
IC7	<p>The Operator shall produce a site closure plan, in accordance with section 2.11 of IPPC S5.06 'Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste'. A copy of the plan shall be submitted to the</p>	Complete

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	Environment Agency for approval in writing.	
	EMISSIONS TO SEWER	
IC8	<p>The operator shall undertake monitoring of emissions to sewer from release point S1 in line with condition 3.5.1 [Table S4.5]. A report shall be submitted which shall include a comparison of the results against predicted emissions provided in the H1 assessment provided in the application.</p> <p>Should the report indicate the emissions are having a significant effect measures to reduce emissions and proposed implementation dates shall be included in the report. The report shall be used to review the emission limits and monitoring requirements in Table S4.3, if required.</p>	Complete
IC9	<p>When any activity that is permitted but has not previously been undertaken is commissioned after approval under Pre-operational condition 12 (Table S1.4B) a post commissioning report shall be submitted to the Environment Agency.</p> <p>The report shall be proportionate to the scale of the commissioning in a format agreed with the Environment Agency and shall include, but not be limited to:</p> <ul style="list-style-type: none"> • A comparison of expected performance against actual results for environmental emissions. • Any operational technique changes as a result of commissioning results. 	Within 4 months of the start of commissioning

Table S1.4A Pre-operational measures	
Reference	Pre-operational measures
	None

Table S1.4B Pre-operational measures for future development	
Reference	Pre-operational measures
12	<p>At least two weeks prior to commissioning any activity that is permitted but has not previously been undertaken the operator will submit to the Environment Agency, for review and approval, a report of the planned activity including, in accordance with the current approved Site Working Plan, (but not limited to):-</p> <ul style="list-style-type: none"> • A detailed description of the activity • P&ID's for the equipment used in the activity. • A plan for equipment testing including leak testing of storage tanks, pipelines and secondary containment. • An assessment of the potential environmental impacts to land, air and water in expected normal operation, but also with consideration to commissioning operations. • An assessment of potential odour emissions and any update to the Site Odour Management Plan. • Proposals for emission and process control monitoring, both in normal operation and during the commissioning period. • An assessment of potential noise and vibration impact in accordance with the procedures given in BS4142:2014 (Rating industrial noise affecting mixed residential and industrial areas) and BS7445: 2003 (Description and measurement of environmental noise) or other methodology as agreed with the Environment Agency. • Any standard operating procedures for the activity. • An updated Site Layout Plan and Bulk Storage and Emission Points inventory.

Table S1.4B Pre-operational measures for future development	
Reference	Pre-operational measures
	The activity shall not commence until written approval from the Environment Agency is received.

Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
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	X	
01 01 02	wastes from mineral non-metalliferous excavation	X	
01 03	wastes from physical and chemical processing of metalliferous minerals		
01 03 04*	acid-generating tailings from processing of sulphide ore	X	X
01 03 05*	other tailings containing hazardous substances	X	X
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05	X	X
01 03 07*	other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals	X	X
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07	X	X
01 04	wastes from physical and chemical processing of non-metalliferous minerals		
01 04 07*	wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals	X	X
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07	X	X
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07	X	X
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	X	X
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING		
02 01	wastes from agriculture, horticulture, aquaculture, forestry,		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	hunting and fishing		
02 01 01	sludges from washing and cleaning	X	
02 01 08*	agrochemical waste containing hazardous substances	X	
02 01 09	agrochemical waste other than those mentioned in 02 01 08*	X	
02 01 10	waste metal	X	
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 02	wastes from preserving agents	X	
02 03 03	wastes from solvent extraction	X	
02 04	wastes from sugar processing		
02 04 02	off-specification calcium carbonate	X	
02 06	wastes from the baking and confectionery industry		
02 06 02	wastes from preserving agents	X	
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)		
02 07 02	wastes from spirits distillation	X	
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 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances	X	
03 02	wastes from wood preservation		
03 02 01*	non-halogenated organic wood preservatives	X	
03 02 02*	organochlorinated wood preservatives	X	
03 02 03*	organometallic wood preservatives	X	
03 02 04*	inorganic wood preservatives	X	
03 02 05*	other wood preservatives containing hazardous substances	X	
03 03	wastes from pulp, paper and cardboard production and processing		
03 03 02	green liquor sludge (from recovery of cooking liquor)	X	
03 03 05	de-inking sludges from paper recycling	X	
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard	X	
03 03 08	wastes from sorting of paper and cardboard destined for recycling	X	
03 03 09	lime mud waste	X	
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation	X	
03 03 11	sludges from on-site effluent treatment other than those mentioned in	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	03 03 10		
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES		
04 01	wastes from the leather and fur industry		
04 01 02	liming waste	X	
04 01 03*	degreasing wastes containing solvents without a liquid phase	X	
04 01 04	tanning liquor containing chromium	X	X
04 01 05	tanning liquor free of chromium	X	X
04 01 06	sludges, in particular from on site effluent treatment containing chromium	X	X
04 01 07	sludges, in particular from on-site treatment free of chromium	X	X
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium	X	
04 02	wastes from the textile industry		
04 02 14*	wastes from finishing containing organic solvents	X	
04 02 16*	dyestuffs and pigments containing hazardous substances	X	
04 01 17	dyestuffs and pigments other than those mentioned in 04 02 16*	X	
04 02 19*	sludges from on-site effluent treatment containing hazardous substances	X	
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19	X	
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL		
05 01	wastes from petroleum refining		
05 01 02*	desalter sludges	X	
05 01 03*	tank bottom sludges	X	
05 01 04*	acid alkyl sludges	X	
05 01 05	oil spills	X	
05 01 06*	oily sludges from maintenance operations of the plant or equipment	X	
05 01 07*	acid tars	X	
05 01 08*	other tars	X	
05 01 09*	sludges from on-site effluent treatment containing hazardous substances	X	
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09	X	
05 01 11*	wastes from cleaning of fuels with bases	X	X
05 01 12*	oil containing acids	X	
05 01 13	boiler feedwater sludges	X	
05 01 14	wastes from cooling columns	X	
05 01 15*	spent filter clays	X	
05 01 16	sulphur-containing wastes from petroleum desulphurisation	X	X
05 01 17	bitumen		
05 06	wastes from the pyrolytic treatment of coal		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
05 06 01*	acid tars	X	
05 06 03*	other tars	X	
05 06 04	waste from cooling columns	X	X
05 07	wastes from natural gas purification and transportation		
05 07 01*	wastes containing mercury	X	
05 07 02*	wastes containing sulphur	X	X
06	WASTES FROM INORGANIC CHEMICAL PROCESSES		
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids		
06 01 01*	sulphuric acid and sulphurous acid	X	X
06 01 02*	hydrochloric acid	X	X
06 01 03*	hydrofluoric acid	X	X
06 01 04*	phosphoric and phosphorous acid	X	X
06 01 05*	nitric acid and nitrous acid	X	X
06 01 06*	other acids	X	X
06 02	wastes from the MFSU of bases		
06 02 01*	calcium hydroxide	X	X
06 02 03*	ammonium hydroxide	X	X
06 02 04*	sodium and potassium hydroxide	X	X
06 02 05*	other bases	X	X
06 03	wastes from the MFSU of salts and their solutions and metallic oxides		
06 03 11*	solid salts and solutions containing cyanides	X	X
06 03 13*	solid salts and solutions containing heavy metals	X	X
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13	X	X
06 03 15*	metallic oxides containing heavy metals	X	X
06 03 16	metallic oxides other than those mentioned in 06 03 15	X	X
06 04	metal-containing wastes other than those mentioned in 06 03		
06 04 03*	wastes containing arsenic	X	
06 04 04*	wastes containing mercury	X	
06 04 05*	wastes containing other heavy metals	X	X
06 05	sludges from on-site effluent treatment		
06 05 02*	sludges from on-site effluent treatment containing hazardous substances	X	X
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02	X	X
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes		
06 06 02*	wastes containing hazardous sulphides	X	X
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
06 07	wastes from the MFSU of halogens and halogen chemical processes		
06 07 02*	activated carbon from chlorine production	X	
06 07 03*	barium sulphate sludge containing mercury	X	
06 07 04*	solutions and acids, for example contact acid	X	X
06 08	wastes from the MFSU of silicon and silicon derivatives		
06 08 02*	wastes containing hazardous silicones		
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes		
06 09 02*	phosphorous slag	X	
06 09 03*	calcium-based reaction wastes containing or contaminated with hazardous substances	X	X
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03	X	X
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture		
06 10 02*	wastes containing hazardous substances	X	X
06 11	wastes from the manufacture of inorganic pigments and opacifiers		
06 11 01	calcium-based reaction wastes from titanium dioxide production	X	
06 13	wastes from inorganic chemical processes not otherwise specified		
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides.	X	
06 13 02*	spent activated carbon (except 06 07 02)	X	
06 13 03	carbon black	X	
06 13 05*	soot	X	
07	WASTES FROM ORGANIC CHEMICAL PROCESSES		
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals		
07 01 01*	aqueous washing liquids and mother liquors	X	X
07 01 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 01 04*	other organic solvents, washing liquids and mother liquors	X	
07 01 07*	halogenated still bottoms and reaction residues	X	
07 01 08*	other still bottoms and reaction residues	X	X
07 01 09*	halogenated filter cakes and spent absorbents	X	
07 01 10*	other filter cakes and spent absorbents	X	X
07 01 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres		
07 02 01*	aqueous washing liquids and mother liquors	X	X
07 02 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 02 04*	other organic solvents, washing liquids and mother liquors	X	
07 02 07*	halogenated still bottoms and reaction residues	X	
07 02 08*	other still bottoms and reaction residues	X	X
07 02 09*	halogenated filter cakes and spent absorbents	X	
07 02 10*	other filter cakes and spent absorbents	X	X
07 02 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11	X	X
07 02 13	waste plastic	X	
07 02 14*	wastes from additives containing hazardous substances	X	X
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)		
07 03 01*	aqueous washing liquids and mother liquors	X	X
07 03 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 03 04*	other organic solvents, washing liquids and mother liquors	X	
07 03 07*	halogenated still bottoms and reaction residues	X	
07 03 08*	other still bottoms and reaction residues	X	X
07 03 09*	halogenated filter cakes and spent absorbents	X	
07 03 10*	other filter cakes and spent absorbents	X	X
07 03 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11	X	X
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides		
07 04 01*	aqueous washing liquids and mother liquors	X	X
07 04 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 04 04*	other organic solvents, washing liquids and mother liquors	X	
07 04 07*	halogenated still bottoms and reaction residues	X	
07 04 08*	other still bottoms and reaction residues	X	X
07 04 09*	halogenated filter cakes and spent absorbents	X	
07 04 10*	other filter cakes and spent absorbents	X	X
07 04 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
07 04 13*	solid wastes containing hazardous substances	X	X
07 05	wastes from the MFSU of pharmaceuticals		
07 05 01*	aqueous washing liquids and mother liquors	X	X
07 05 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 05 04*	other organic solvents, washing liquids and mother liquors	X	
07 05 07*	halogenated still bottoms and reaction residues	X	
07 05 08*	other still bottoms and reaction residues	X	X
07 05 09*	halogenated filter cakes and spent absorbents	X	
07 05 10*	other filter cakes and spent absorbents	X	X
07 05 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11	X	X
07 05 13*	solid wastes containing hazardous substances	X	X
07 05 14	solid wastes other than those mentioned on 07 05 13*	X	X
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics		
07 06 01*	aqueous washing liquids and mother liquors	X	X
07 06 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 06 04*	other organic solvents, washing liquids and mother liquors	X	
07 06 07*	halogenated still bottoms and reaction residues	X	
07 06 08*	other still bottoms and reaction residues	X	X
07 06 09*	halogenated filter cakes and spent absorbents	X	
07 06 10*	other filter cakes and spent absorbents	X	X
07 06 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11	X	X
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified		
07 07 01*	aqueous washing liquids and mother liquors	X	X
07 07 03*	organic halogenated solvents, washing liquids and mother liquors	X	
07 07 04*	other organic solvents, washing liquids and mother liquors	X	
07 07 07*	halogenated still bottoms and reaction residues	X	
07 07 08*	other still bottoms and reaction residues	X	X
07 07 09*	halogenated filter cakes and spent absorbents	X	
07 07 10*	other filter cakes and spent absorbents	X	X
07 07 11*	sludges from on-site effluent treatment containing hazardous substances	X	X
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11	X	X
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS		
08 01	wastes from MFSU and removal of paint and varnish		
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	X	
08 01 12	waste paint and varnish other than those mentioned in 08 01 11	X	
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances	X	
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13	X	
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances	X	
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15	X	
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances	X	
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17	X	
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances	X	
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19	X	
08 01 21*	waste paint or varnish remover	X	
08 02	wastes from MFSU of other coatings (including ceramic materials)		
08 02 01	waste coating powders	X	
08 02 02	aqueous sludges containing ceramic materials	X	X
08 02 03	aqueous suspensions containing ceramic materials	X	X
08 03	wastes from MFSU of printing inks		
08 03 07	aqueous sludges containing ink	X	X
08 03 08	aqueous liquid waste containing ink	X	X
08 03 12*	waste ink containing hazardous substances	X	
08 03 13	waste ink other than those mentioned in 08 03 12	X	
08 03 14*	ink sludges containing hazardous substances	X	
08 03 15	ink sludges other than those mentioned in 08 03 14	X	
08 03 16*	waste etching solutions	X	
08 03 17*	waste printing toner containing hazardous substances	X	
08 03 18	waste printing toner other than those mentioned in 08 03 17	X	
08 03 19*	disperse oil	X	
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)		
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	X	
08 04 11*	adhesive and sealant sludges containing organic solvents or other hazardous substances	X	
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11	X	
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances	X	
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13	X	
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances	X	X
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15	X	X
08 04 17*	rosin oil	X	
08 05	wastes not otherwise specified in 08		
08 05 01*	waste isocyanates	X	X
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY		
09 01	wastes from the photographic industry		
09 01 01*	water-based developer and activator solutions	X	X
09 01 02*	water-based offset plate developer solutions	X	X
09 01 03*	solvent-based developer solutions	X	X
09 01 04*	fixer solutions	X	X
09 01 05*	bleach solutions and bleach fixer solutions	X	X
09 01 06*	wastes containing silver from on-site treatment of photographic wastes	X	X
09 01 07	photographic film and paper containing silver or silver compounds	X	X
09 01 08	photographic film and paper free of silver or silver compounds	X	X
09 01 10	single-use cameras without batteries	X	
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03	X	
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11*	X	
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	X	X
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*)	X	
10 01 02	coal fly ash	X	
10 01 03	fly ash from peat and untreated wood	X	
10 01 04*	oil fly ash and boiler dust	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form	X	X
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form	X	X
10 01 09*	sulphuric acid	X	X
10 01 13*	fly ash from emulsified hydrocarbons used as fuel	X	
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances	X	
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14	X	
10 01 16*	fly ash from co-incineration containing hazardous substances	X	
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16	X	
10 01 18*	wastes from gas cleaning containing hazardous substances	X	X
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18	X	X
10 01 20*	sludges from on-site effluent treatment containing hazardous substances	X	X
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20	X	X
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances	X	X
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22	X	X
10 01 24	sands from fluidised beds	X	
10 01 25	wastes from fuel storage and preparation of coal-fired power plants	X	
10 01 26	wastes from cooling-water treatment	X	
10 02	wastes from the iron and steel industry		
10 02 01	wastes from the processing of slags	X	
10 02 02	unprocessed slags	X	
10 02 07*	solid wastes from gas treatment containing hazardous substances	X	X
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07	X	X
10 02 10	mill scales	X	
10 02 11*	wastes from cooling-water treatment containing oil	X	
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11	X	
10 02 13*	sludges and filter cakes from gas treatment containing hazardous substances	X	
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13	X	
10 02 15	other sludges and filter cakes	X	X
10 03	wastes from aluminium thermal metallurgy		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
10 03 02	anode scraps	X	
10 03 04*	primary production slags	X	
10 03 05	waste alumina	X	
10 03 08*	salt slags from secondary production	X	
10 03 09*	black drosses from secondary production	X	
10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities	X	
10 03 16	skimmings other than those mentioned in 10 03 15	X	
10 03 17*	tar-containing wastes from anode manufacture	X	
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17	X	
10 03 19*	flue-gas dust containing hazardous substances	X	
10 03 20	flue-gas dust other than those mentioned in 10 03 19	X	
10 03 21*	other particulates and dust (including ball-mill dust) containing hazardous substances	X	
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21	X	
10 03 23*	solid wastes from gas treatment containing hazardous substances	X	
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23	X	
10 03 25*	sludges and filter cakes from gas treatment containing hazardous substances	X	
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25	X	
10 03 27*	wastes from cooling-water treatment containing oil	X	
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27	X	
10 03 29*	wastes from treatment of salt slags and black drosses containing hazardous substances	X	X
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29*	X	X
10 04	wastes from lead thermal metallurgy		
10 04 01*	slags from primary and secondary production	X	
10 04 02*	dross and skimmings from primary and secondary production	X	
10 04 03*	calcium arsenate	X	
10 04 04*	flue-gas dust	X	
10 04 05*	other particulates and dust	X	
10 04 06*	solid wastes from gas treatment	X	
10 04 07*	sludges and filter cakes from gas treatment	X	
10 04 09*	wastes from cooling-water treatment containing oil	X	
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
10 05	wastes from zinc thermal metallurgy		
10 05 01	slags from primary and secondary production	X	
10 05 03*	flue-gas dust	X	
10 05 04	other particulates and dust	X	
10 05 05*	solid waste from gas treatment	X	
10 05 06*	sludges and filter cakes from gas treatment	X	
10 05 08*	wastes from cooling-water treatment containing oil	X	
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08	X	
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities	X	
10 05 11	dross and skimmings other than those mentioned in 10 05 10	X	
10 06	wastes from copper thermal metallurgy		
10 06 01	slags from primary and secondary production	X	X
10 06 02	dross and skimmings from primary and secondary production	X	X
10 06 03*	flue-gas dust	X	X
10 06 04	other particulates and dust	X	X
10 06 06*	solid wastes from gas treatment	X	X
10 06 07*	sludges and filter cakes from gas treatment	X	X
10 06 09*	wastes from cooling-water treatment containing oil	X	
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09	X	X
10 07	wastes from silver, gold and platinum thermal metallurgy		
10 07 01	slags from primary and secondary production	X	X
10 07 02	dross and skimmings from primary and secondary production	X	X
10 07 03	solid wastes from gas treatment	X	X
10 07 04	other particulates and dust	X	X
10 07 05	sludges and filter cakes from gas treatment	X	X
10 07 07*	wastes from cooling-water treatment containing oil	X	
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07	X	X
10 08	wastes from other non-ferrous thermal metallurgy		
10 08 04	particulates and dust	X	X
10 08 08*	salt slag from primary and secondary production	X	X
10 08 09	other slags	X	X
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities	X	
10 08 11	dross and skimmings other than those mentioned in 10 08 10	X	X
10 08 12*	tar-containing wastes from anode manufacture	X	
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
10 08 14	anode scrap	X	X
10 08 15*	flue-gas dust containing hazardous substances	X	
10 08 16	flue-gas dust other than those mentioned in 10 08 15	X	X
10 08 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances	X	
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17	X	
10 08 19*	wastes from cooling-water treatment containing oil	X	
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19	X	X
10 09	wastes from casting of ferrous pieces		
10 09 03	furnace slag	X	
10 09 05*	casting cores and moulds which have not undergone pouring containing hazardous substances	X	
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05	X	
10 09 07*	casting cores and moulds which have undergone pouring containing hazardous substances	X	
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07	X	
10 09 09*	flue-gas dust containing hazardous substances	X	X
10 09 10	flue-gas dust other than those mentioned in 10 09 09	X	X
10 09 11*	other particulates containing hazardous substances	X	X
10 09 12	other particulates other than those mentioned in 10 09 11	X	X
10 09 13*	waste binders containing hazardous substances	X	
10 09 14	Waste binders other than those mentioned in 10 09 13	X	
10 09 15*	waste crack-indicating agent containing hazardous substances	X	
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15	X	
10 10	wastes from casting of non-ferrous pieces		
10 10 03	furnace slag	X	
10 10 05*	casting cores and moulds which have not undergone pouring, containing hazardous substances	X	
10 10 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05	X	
10 10 07*	casting cores and moulds which have undergone pouring, containing hazardous substances	X	
10 10 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07	X	
10 10 09*	flue-gas dust containing hazardous substances	X	
10 10 10	flue-gas dust other than those mentioned in 10 10 09	X	
10 10 11*	other particulates containing hazardous substances	X	
10 10 12	other particulates other than those mentioned in 10 10 11	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
10 10 13*	waste binders containing hazardous substances	X	
10 10 15*	waste crack-indicating agent containing hazardous substances	X	
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15	X	
10 11	wastes from manufacture of glass and glass products		
10 11 09*	waste preparation mixture before thermal processing, containing hazardous substances	X	
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09	X	
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)	X	
10 11 12	waste glass other than those mentioned on 10 11 11	X	
10 11 13*	glass-polishing and -grinding sludge containing hazardous substances	X	
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13	X	
10 11 15*	solid wastes from flue-gas treatment containing hazardous substances	X	
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15	X	
10 11 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances	X	
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17	X	
10 11 19*	solid wastes from on-site effluent treatment containing hazardous substances	X	
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products		
10 12 05	sludges and filter cake from gas treatment	X	
10 12 09*	solid wastes from gas treatment containing hazardous substances	X	
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09	X	
10 12 11*	wastes from glazing containing heavy metals	X	
10 12 12	wastes from glazing other than those mentioned in 10 12 11	X	
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them		
10 13 04	wastes from calcination and hydration of lime		
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY		
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
11 01 05*	pickling acids	X	X
11 01 06*	acids not otherwise specified	X	X
11 01 07*	pickling bases	X	X
11 01 08*	phosphatising sludges	X	X
11 01 09*	sludges and filter cakes containing hazardous substances	X	X
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09	X	X
11 01 11*	aqueous rinsing liquids containing hazardous substances	X	X
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11	X	X
11 01 13*	degreasing wastes containing hazardous substances	X	X
11 01 14	degreasing wastes other than those mentioned in 11 01 13	X	X
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing hazardous substances	X	X
11 01 16*	saturated or spent ion exchange resins	X	X
11 01 98*	other wastes containing hazardous substances	X	X
11 02	wastes from non-ferrous hydrometallurgical processes		
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)	X	X
11 02 03	wastes from the production of anodes for aqueous electrolytical processes	X	X
11 02 05*	wastes from copper hydrometallurgical processes containing hazardous substances	X	X
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05	X	X
11 02 07*	other wastes containing hazardous substances	X	X
11 03	sludges and solids from tempering processes		
11 03 01*	wastes containing cyanide	X	
11 03 02*	other wastes	X	
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS		
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics		
12 01 01	ferrous metal filings and turnings	X	X
12 01 02	ferrous metal dust and particles	X	X
12 01 03	non-ferrous metal filings and turnings	X	X
12 01 04	non-ferrous metal dust and particles	X	X
12 01 05	plastics shavings and turnings	X	
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)	X	
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)	X	
12 01 08*	machining emulsions and solutions containing halogens	X	
12 01 09*	machining emulsions and solutions free of halogens	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
12 01 10*	synthetic machining oils	X	
12 01 12*	spent waxes and fats	X	
12 01 13	welding wastes	X	
12 01 14*	machining sludges containing hazardous substances	X	X
12 01 15	machining sludges other than those mentioned in 12 01 14	X	X
12 01 16*	waste blasting material containing hazardous substances	X	X
12 01 17	waste blasting material other than those mentioned in 12 01 06	X	
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	X	X
12 01 19*	readily biodegradable machining oil	X	
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances	X	
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20	X	
12 03	wastes from water and steam degreasing processes (except 11)		
12 03 01*	aqueous washing liquids	X	
12 03 02*	steam degreasing wastes	X	
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)		
13 01	waste hydraulic oils		
13 01 04*	chlorinated emulsions	X	
13 01 05*	non-chlorinated emulsions	X	
13 01 09*	mineral-based chlorinated hydraulic oils	X	
13 01 10*	mineral based non-chlorinated hydraulic oils	X	
13 01 11*	synthetic hydraulic oils	X	
13 01 12*	readily biodegradable hydraulic oils	X	
13 01 13*	other hydraulic oils	X	
13 02	waste engine, gear and lubricating oils		
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils	X	
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	X	
13 02 06*	synthetic engine, gear and lubricating oils	X	
13 02 07*	readily biodegradable engine, gear and lubricating oils	X	
13 02 08*	other engine, gear and lubricating oils	X	
13 03	waste insulating and heat transmission oils		
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	X	
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils	X	
13 03 08*	synthetic insulating and heat transmission oils	X	
13 03 09*	readily biodegradable insulating and heat transmission oils	X	
13 03 10*	other insulating and heat transmission oils	X	
13 04	bilge oils		
13 04 01*	bilge oils from inland navigation	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
13 04 02*	bilge oils from jetty sewers	X	
13 04 03*	bilge oils from other navigation	X	
13 05	oil/water separator contents		
13 05 01*	solids from grit chambers and oil/water separators	X	
13 05 02*	sludges from oil/water separators	X	
13 05 03*	interceptor sludges	X	
13 05 06*	oil from oil/water separators	X	
13 05 07*	oily water from oil/water separators	X	
13 05 08*	mixtures of wastes from grit chambers and oil/water separators	X	
13 07	wastes of liquid fuels		
13 07 01*	fuel oil and diesel	X	
13 07 02*	petrol	X	
13 07 03*	other fuels (including mixtures)	X	
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)		
14 06	waste organic solvents, refrigerants and foam/aerosol propellants		
14 06 01*	chlorofluorocarbons, HCFC, HFC	X	
14 06 02*	other halogenated solvents and solvent mixtures	X	
14 06 03*	other solvents and solvent mixtures	X	
14 06 04*	sludges or solid wastes containing halogenated solvents	X	
14 06 05*	sludges or solid wastes containing other solvents	X	
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	X	X
15 01 02	plastic packaging	X	X
15 01 03	wooden packaging	X	X
15 01 04	metallic packaging	X	X
15 01 05	composite packaging	X	X
15 01 06	mixed packaging	X	X
15 01 07	glass packaging	X	X
15 01 09	textile packaging	X	
15 01 10*	packaging containing residues of or contaminated by hazardous substances	X	X
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	example asbestos), including empty pressure containers		
15 02	absorbents, filter materials, wiping cloths and protective clothing		
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances	X	X
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	X	X
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 12	brake pads other than those mentioned in 16 01 11	X	
16 01 13*	brake fluids	X	
16 01 14*	antifreeze fluids containing hazardous substances	X	
16 01 15	antifreeze fluids other than those mentioned in 16 01 14	X	
16 01 17	ferrous metal	X	X
16 01 18	non-ferrous metal	X	X
16 01 19	plastic	X	
16 01 20	glass	X	X
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14	X	X
16 01 22	components not otherwise specified	X	X
16 02	wastes from electrical and electronic equipment		
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC	X	
16 02 12*	discarded equipment containing free asbestos	X	
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	X	
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	X	
16 02 15*	hazardous components removed from discarded equipment	X	X
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15	X	X
16 03	off-specification batches and unused products		
16 03 03*	inorganic wastes containing hazardous substances	X	X
16 03 04	inorganic wastes other than those mentioned in 16 03 03	X	X
16 03 05*	organic wastes containing hazardous substances	X	
16 03 06	organic wastes other than those mentioned in 16 03 05	X	
16 05	gases in pressure containers and discarded chemicals		
16 05 04*	gases in pressure containers (including halons) containing hazardous	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	substances		
16 05 05	gases in pressure containers other than those mentioned in 16 05 04	X	
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals	X	X
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances	X	X
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances	X	X
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	X	X
16 06	batteries and accumulators		
16 06 01*	lead batteries	X	
16 06 02*	Ni-Cd batteries	X	
16 06 03*	mercury-containing batteries	X	
16 06 04	alkaline batteries (except 16 06 03)	X	
16 06 05	other batteries and accumulators	X	
16 06 06*	separately collected electrolyte from batteries and accumulators	X	X
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)		
16 07 08*	wastes containing oil	X	
16 07 09*	wastes containing other hazardous substances	X	X
16 08	spent catalysts		
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	X	X
16 08 02*	spent catalysts containing hazardous transition metals (3) or hazardous transition metal compounds	X	X
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified	X	
16 08 04	spend fluid catalytic cracking catalysts (except 16 08 07)	X	X
16 08 05*	spent catalysts containing phosphoric acid	X	X
16 08 06*	spent liquids used as catalysts	X	X
16 08 07*	spent catalysts contaminated with hazardous substances	X	X
16 09	oxidising substances		
16 09 01*	permanganates, for example potassium permanganate	X	X
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate	X	X
16 09 03*	peroxides, for example hydrogen peroxide	X	X
16 09 04*	oxidising substances, not otherwise specified	X	X
16 10	aqueous liquid wastes destined for off-site treatment		
16 10 01*	aqueous liquid wastes containing hazardous substances	X	X
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	X	X
16 10 03*	aqueous concentrates containing hazardous substances	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
16 10 04	aqueous concentrates other than those mentioned in 16 10 03	X	X
16 11	waste linings and refractories		
16 11 01*	carbon-based linings and refractories from metallurgical processes containing hazardous substances	X	X
16 11 02	carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01	X	X
16 11 03*	other linings and refractories from metallurgical processes containing hazardous substances	X	X
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03	X	X
16 11 05*	linings and refractories from non-metallurgical processes containing hazardous substances	X	X
16 11 06	linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05	X	X
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)		
17 01	concrete, bricks, tiles and ceramics		
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances	X	
17 02	wood, glass and plastic		
17 02 03	plastic	X	
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances	X	
17 03	bituminous mixtures, coal tar and tarred products		
17 03 01*	bituminous mixtures containing coal tar	X	
17 03 02	bituminous mixtures other than those mentioned in 17 03 01	X	
17 03 03*	coal tar and tarred products	X	
17 04	metals (including their alloys)		
17 04 01	copper, bronze, brass	X	X
17 04 02	aluminium	X	
17 04 03	lead	X	
17 04 04	zinc	X	
17 04 05	iron and steel	X	X
17 04 06	tin	X	X
17 04 07	mixed metals	X	
17 04 09*	metal waste contaminated with hazardous substances	X	
17 04 10*	cables containing oil, coal tar and other hazardous substances	X	
17 04 11	cables other than those mentioned in 17 04 10	X	X
17 06	insulation materials and asbestos-containing construction materials		
17 06 03*	other insulation materials consisting of or containing hazardous substances	X	

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
17 06 04	insulation materials other than those mentioned in 17 06 03	X	
17 08	gypsum-based construction material		
17 08 01*	gypsum-based construction materials contaminated with hazardous substances	X	
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01	X	
17 09	other construction and demolition wastes		
17 09 01*	construction and demolition wastes containing mercury	X	
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances	X	
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	X	
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)		
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans		
18 01 01	sharps (except 18 01 03)	X	
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)	X	
18 01 06*	chemicals consisting of or containing hazardous substances	X	
18 01 07	chemicals other than those mentioned in 18 01 06	X	
18 01 08*	cytotoxic and cytostatic medicines	X	
18 01 09	medicines other than those mentioned in 18 01 08	X	
18 01 10*	amalgam waste from dental care	X	X
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals		
18 02 01	sharps (except 18 02 02)	X	
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection	X	
18 02 05*	chemicals consisting of or containing hazardous substances	X	
18 02 06	chemicals other than those mentioned in 18 02 05	X	
18 02 07*	cytotoxic and cytostatic medicines	X	
18 02 08	medicines other than those mentioned in 18 02 07	X	
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE		
19 01	wastes from incineration of pyrolysis of waste		
19 01 02	ferrous materials removed from bottom ash	X	
19 01 05*	filter cake from gas treatment	X	
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
	wastes		
19 01 07*	solid wastes from gas treatment	X	
19 01 10*	spent activated carbon from flue-gas treatment	X	
19 01 11*	bottom ash and slag containing hazardous substances	X	
19 01 12	bottom ash and slag other than those mentioned in 19 01 11	X	
19 01 13*	fly ash containing hazardous substances	X	
19 01 14	fly ash other than those mentioned in 19 01 13	X	
19 01 15*	boiler dust containing hazardous substances	X	
19 01 16	boiler dust other than those mentioned in 19 01 15	X	
19 01 17*	pyrolysis wastes containing hazardous substances	X	
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17	X	
19 01 19	sands from fluidised beds	X	
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)		
19 02 03	premixed wastes composed only of non-hazardous wastes	X	X
19 02 04*	premixed wastes composed of at least one hazardous waste	X	X
19 02 05*	sludges from physico/chemical treatment containing hazardous substances	X	X
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05	X	X
19 02 07*	oil and concentrates from separation	X	
19 02 08*	liquid combustible wastes containing hazardous substances	X	
19 02 09*	solid combustible wastes containing hazardous substances	X	
19 02 10	combustible waste other than those mentioned in 19 02 08 and 19 02 09	X	
19 02 11*	other wastes containing hazardous substances	X	X
19 03	stabilised/solidified wastes		
19 03 04*	wastes marked as hazardous, partly stabilised other than 19 03 08	X	
19 03 05	stabilised wastes other than those mentioned in 19 03 04	X	
19 03 06*	wastes marked as hazardous, solidified	X	
19 03 07	solidified wastes other than those mentioned in 19 03 06	X	
19 04	vitrified waste and wastes from vitrification		
19 04 01	vitrified waste	X	
19 04 02*	fly ash and other flue-gas treatment wastes	X	
19 04 03*	non-vitrified solid phase	X	
19 04 04	aqueous liquid wastes from vitrified waste tempering	X	X
19 07	landfill leachate		
19 07 02*	landfill leachate containing hazardous substances	X	X
19 07 03	landfill leachate other than those mentioned in 19 07 02	X	X
19 08	wastes from waste water treatment plants not otherwise specified		

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
19 08 06*	saturated or spent ion exchange resins	X	X
19 08 07*	solutions and sludges from regeneration of ion exchangers	X	X
19 08 08*	membrane system waste containing heavy metals	X	
19 08 09*	grease and oil mixture from oil/water separation containing edible oil and fats	X	
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	X	
19 08 11*	sludges containing hazardous substances from biological treatment of industrial waste water	X	
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	X	
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water	X	X
19 08 14	sludges from other treatment of industrial of industrial waste water other than those mentioned in 19 08 13	X	X
19 09	wastes from the preparation of water intended for human consumption or water intended for industrial use		
19 09 04	spent activated carbon	X	
19 09 05	saturated or spent ion exchange resins	X	
19 09 06	solutions and sludges from regeneration of ion exchangers	X	X
19 10	wastes from shredding of metal-containing wastes		
19 10 01	iron and steel waste	X	X
19 10 02	non-ferrous waste	X	X
19 10 03*	fluff-light fraction and dust containing hazardous substances	X	
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03	X	
19 10 05*	other fractions containing hazardous substances	X	
19 10 06	other fractions other than those mentioned in 19 10 05	X	
19 11	wastes from oil regeneration		
19 11 01*	spent filter clays	X	
19 11 02*	acid tars	X	
19 11 03*	aqueous liquid wastes	X	X
19 11 04*	wastes from cleaning of fuel with bases	X	
19 11 05*	sludges from on-site effluent treatment containing hazardous substances	X	
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05	X	
19 11 07*	wastes from flue-gas cleaning	X	
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified		
19 12 01	paper and cardboard	X	
19 12 02	ferrous metal	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
19 12 03	non-ferrous metal	X	X
19 12 04	plastic and rubber	X	
19 12 05	glass	X	X
19 12 06*	wood containing hazardous substances	X	
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances	X	
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11	X	
19 13	wastes from soil and groundwater remediation		
19 13 01*	solid wastes from soil remediation containing hazardous substances	X	
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01	X	
19 13 03*	sludges from soil remediation containing hazardous substances	X	
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03	X	
19 13 05*	sludges from groundwater remediation containing hazardous substances	X	
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05	X	
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances	X	X
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07	X	X
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	X	
20 01 02	glass	X	X
20 01 13*	solvents	X	
20 01 14*	acids	X	X
20 01 15*	alkalines	X	X
20 01 17*	photochemicals	X	X
20 01 19*	pesticides	X	
20 01 21*	fluorescent tubes and other mercury-containing waste	X	
20 01 23*	discarded equipment containing chlorofluorocarbons	X	
20 01 25	edible oil and fat	X	
20 01 26*	oil and fat other than those mentioned in 20 01 25	X	
20 01 27*	paint, inks, adhesives and resins containing hazardous substances	X	
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27	X	
20 01 29*	detergents containing hazardous substances	X	X
20 01 30	detergents other than those mentioned in 20 01 29	X	X

Table S2.2 Permitted waste types and quantities for transfer and treatment			
Maximum quantity	Annual throughput: 130,000 tonnes. Maximum capacity for individual activities are specified in Table S1.1 where necessary and otherwise in current approved site working plan.	1. Transfer	2. Treatment
Waste code	Description (Only the 6 digit codes (including the asterisk for hazardous waste) are permitted)		
20 01 31*	cytotoxic and cytostatic medicines	X	
20 01 32	medicines other than those mentioned in 20 01 31	X	
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	X	
20 01 34	batteries and accumulators other than those mentioned in 20 01 33	X	
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	X	
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	X	
20 01 37*	wood containing hazardous substances	X	
20 01 40	metals	X	X

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [Note 2]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1	Filter Bag Plant (shredding)	No parameters set	-	-	-	-
A2	Ammonia removal scrubber (Reactor 1 and 2 exhaust)	Ammonia	20 mg/m ³	Spot sample	Annually	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
A3	Acid gas removal scrubber	Hydrogen Chloride	10 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
		Oxides of nitrogen	50 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
A4	Acid gas removal scrubber	Hydrogen Chloride	10 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
		Oxides of nitrogen	50 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
A5	LEV system (electrolysis)	Oxides of nitrogen	50 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
A6	Acid storage vent scrubber	No parameters set	-	-	-	-
A7	Acid storage vent scrubber	No parameters set	-	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [Note 2]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A8	Ammonia storage vent scrubber	No parameters set	-	-	-	-
A9	Ammonia storage vent scrubber	No parameters set	-	-	-	-
A10	Cooling column exhaust R3 & R4	Ammonia	20 mg/m ³	Spot sample	Annually Note 1	In accordance with M1 and M2 methodologies unless otherwise agreed in writing with the Agency.
Breather vents on storage tanks		No parameters set	-	-	-	-

Note 1: Monitoring of this emission point begins after Environment Agency approval of the activity commissioning report under Pre-operational condition 12 in Table S1.4B.

Note 2: Emission point locations are detailed in the Site Layout plan appendix to the current approved Site Working plan.

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location [Note 1]	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1	Uncontaminated roof water (overflow from rainwater harvesting tank)	-	-	-	-	-

Note 1: Emission point locations are detailed in the Site Layout plan appendix to the current approved Site Working plan.

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location [Note 1]	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 emission to Northwich Sewage Treatment Works	Run-off from operational areas collected in grey water bulk storage tanks as detailed in current approved site working plan	-	-	-	-	-

Note 1: Emission point locations are detailed in the Site Layout plan appendix to the current approved Site Working plan.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement [Note 2]	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
S1	Compliance with trade effluent consent	Monthly	In accordance with M18 methodology unless otherwise agreed in writing with the Agency.	No discharge to be made if any single parameter is found to exceed the limits in the trade effluent consent
A2	pH and flow rate of scrubbing liquor	Continuous	-	-
A6, A8	pH and flow rate of scrubbing liquor	Spot sample before off-loading	-	-
A3, A4, A10	pH and flow rate of scrubbing liquor	Continuous [Note 1]	-	-
A7, A9	pH and flow rate of scrubbing liquor	Spot sample before off-loading [Note 1]	-	-

Note 1: Monitoring of these emission points begins after Environment Agency approval of the activity commissioning report under Pre-operational condition 12 in Table S1.4B.

Note 2: Emission point locations are detailed in the Site Layout plan appendix to the current approved Site Working plan.

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference [Note 2]	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A2	Every 12 months	1 st January
Emissions to air Parameters as required by condition 3.5.1.	A3, A4, A5, A10	Every 12 months [Note 1]	1 st January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 12 months	1 st January

Note 1: Reporting of these emission points begins after Environment Agency approval of the activity commissioning report under Pre-operational condition 12 in Table S1.4B with the first report covering the part year after commissioning.

Note 2: Emission point locations are detailed in the Site Layout plan appendix to the current approved Site Working plan.

Parameter	Units
Recovered liquids	tonnes
Recovered solids	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	July 2015
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	July 2015
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	July 2015
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	July 2015

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	EPR/RP3931XD
Name of operator	ECO-Option (UK) Limited
Location of Facility	Lostock Works Fertiliser Production & Metal Recovery Plant, ECO-Option House, Lostock Works, Off Griffiths Road, Northwich, Cheshire CW9 7XU
Time and date of the detection	

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

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

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

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

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

Part B – to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

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

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

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

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

“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.

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

“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.

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

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

“Hazardous 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 (as amended).

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

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

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

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

“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.

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

“tpd” means tonnes per day.

“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.

Where the following terms appear in the waste code list in Table S2.2 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.

‘polychlorinated biphenyls and polychlorinated terphenyls’ (‘PCBs’) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that ‘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.

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

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

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

Schedule 7 – Site plan

