

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Greenway Environmental Limited
Redfern Street Waste Management Facility
Redfern Street
Bootle
Liverpool
L20 8JB

Variation application number

EPR/GP3935KM/V004

Permit number

EPR/GP3935KM

Redfern Street Waste Management Facility

Permit number EPR/GP3935KM

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.

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

The Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and completes the transition of this facility from a waste operation to an Installation.

The aerosol destruction plant is varied from a waste operation to an installation permit as a result of changes under IED. The existing limitations have been split between the existing S5.6 A(1) (a) activity and a new S5.3A(1) (a)(ii) activity. The S5.3A(1) (a)(ii) activity covers the physico-chemical treatment of hazardous waste (shredding of aerosol canisters) and the S5.6 A(1) (a) activity covers the storage of the hazardous waste.

Aerosol cans are stored under cover in a dedicated vented warehouse at the site having been received as a waste material from various suppliers. The containers of cans are sorted prior to shredding to remove cans that are unsuitable for the process, remove plastic caps and sort in to aluminium and steel.

Cans are fed via conveyor into a hopper situated above the shredder chamber. Once full the upper knife gate opens allowing the cans to fall into the shredder. The cans are shredded and metals are conveyed to a covered skip. Liquids fall through the sieve into a solvent catchment tank under the shredder. When the solvent tank is full, the contents are pumped to a suitable clean intermediate bulk container (IBC). Full IBCs are removed and placed into suitable storage.

Volatile organic compounds (VOCs) released by the shredding of the cans are emitted to air via a stack. The emissions are abated with an activated carbon system, which is periodically monitored for breakthrough. An automatic fire suppression system is fitted to the shredder that activates if a temperature rise is detected. A nitrogen generator is fitted to flood the system with nitrogen during operation to prevent a flammable atmosphere developing. This is interlocked with the operation of the shredder.

The remainder of the site consists of hazardous waste treatment (repackaging under S5.3A(1) (a)(iv)) of various wastes with associated hazardous waste storage (S5.6 A(1) (a)). These activities remain unchanged as they are already permitted as installations.

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 QP3737SJ (EPR/QP3737SJ/A001)	Received 26/08/2005	
Permit determined QP3737SJ (EPR/QP3737SJ)	31/08/2006	Permit issued to Onyx UK Limited.
Application for full transfer EPR/GP3935KM/T001	06/06/2009	
Transfer of permit determined EPR/GP3935KM (PAS Ref: GP3935KM)	06/08/2009	Full transfer of permit to Greenway Environmental Limited.
Variation application EPR/GP3935KM/V002	02/11/2010	
Variation determined EPR/GP3935KM/V002 (EAWML 102527) (PAS Ref: PP3533HJ)	02/03/2011	Addition of aerosol destruction plant as a waste operation and changes to the use of storage bays and areas.
Agency variation determined EPR/GP3935KM/V003 (PAS Ref: AP3637EN)	31/01/2014	Agency variation to implement the changes introduced by IED.
Application EPR/GP3935KM/V004	Duly made 29/12/2014	Application to vary and update the permit to IED conditions.
Variation determined EPR/GP3935KM/V004 (Billing Ref: HP3137WU)	03/02/2016	Varied and consolidated permit issued in modern condition format.

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/GP3935KM

Issued to

Greenway Environmental Limited (“the operator”)

whose registered office is

Aztec Chemicals

Gateway

Crewe

Cheshire

CW1 6YY

company registration number **00445352**

to operate a regulated facility at

Redfern Street Waste Management Facility

Redfern Street

Bootle

Liverpool

L20 8JB

to the extent set out in the schedules.

The notice shall take effect from 03/02/2016

Name	Date
Rebecca Warren	03/02/2016

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/GP3935KM

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/GP3935KM/V004 authorising,

Greenway Environmental Limited (“the operator”),

whose registered office is

Aztec Chemicals

Gateway

Crewe

Cheshire

CW1 6YY

company registration number **00445352**

to operate an installation at

Redfern Street Waste Management Facility

Redfern Street

Bootle

Liverpool

L20 8JB

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

Name	Date
Rebecca Warren	03/02/2016

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 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 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 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2, or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 All activities shall take place on impermeable surface with sealed drainage, unless otherwise specified in table S1.1 or agreed in writing with the Environment Agency.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.6 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.
- 2.3.7 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 Hazardous waste storage and treatment

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

2.5 WEEE storage

2.5.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.

2.5.2 WEEE shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

2.6 Vehicle depollution and dismantling

2.6.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

2.7 Improvement programme

2.7.1 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.

2.7.2 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.

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 table S3.1.

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

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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

3.3 Fire prevention

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

The operator shall:

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

3.4 Odour

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

3.4.2 The operator shall:

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

3.5 Pests

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

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Noise and vibration

3.6.1 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.

3.6.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, 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 sudden noise and vibration.

3.6.3 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.

3.7 Monitoring

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

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

3.7.2 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.

3.7.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.7.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.7.4 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 and S3.2 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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (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.

4.4 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	S5.6 A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3	D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced).	<p>Bays 13, 14, 15 (Flammable Waste Bays) as shown on drawing reference ASR 4 rev4. Waste storage limit as specified on drawing reference ASR 4 rev4.</p> <p>Bays 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 (Variable Waste Storage Bays) as shown on drawing reference ASR 4 rev4. Waste storage limit as specified on drawing reference ASR 4 rev4.</p> <p>Waste Reception Area as shown on drawing reference ASR 4 rev4. Waste storage limit as specified on drawing reference ASR 4 rev4.</p> <p>Container Warehouse as shown on drawing reference ASR 4 rev4. Waste storage limit 160 tonnes.</p> <p>Laboratory Chemicals Warehouse as shown on drawing reference ASR 4 rev4 to a limit of 30 tonnes of waste.</p> <p>Waste Prepared for Transit Area as shown on drawing reference ASR 4 rev4 to a limit of 60 tonnes of waste.</p> <p>Quarantine Bays as shown on drawing reference ASR 4 rev4 to a limit to a total limit of 40 tonnes of waste.</p> <p>Waste types as specified in Schedule 2 table S2.2.</p>
		D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced).	<p>Asbestos Storage as shown on drawing reference ASR 4 rev4 to a limit of 12 m³.</p> <p>Waste types as specified in Schedule 2 table S2.3.</p>

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
		R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	<p>Aerosol Destruction Plant (ADP)</p> <p>Aerosol canister storage in Mixed Waste Warehouse as shown on drawing reference ASR 4 rev4 to a limit of 160 tonnes of Waste.</p> <p>No waste shall be stored within Bay 11 other than the one pallet load (or equivalent) for immediate processing.</p> <p>Other than those containers required for immediate collection of process residues, containers of processed residues shall not be stored within Bay 11.</p> <p>Waste types as specified in Schedule 2 table S2.4.</p>
A2	S5.3 A(1)(a)(iv) Disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.	D14: Repackaging prior to submission to any of the operations numbered D1 to D13.	<p>Repackaging of wastes in the following areas:</p> <p>Bays 13, 14, 15 (Flammable Waste Bays) as shown on drawing reference ASR 4 rev4.</p> <p>Bays 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 (Variable Waste Storage Bays) as shown on drawing reference ASR 4 rev4.</p> <p>Waste Reception Area as shown on drawing reference ASR 4 rev4.</p> <p>Container Warehouse as shown on drawing reference ASR 4 rev4.</p> <p>Laboratory Chemicals Warehouse as shown on drawing reference ASR 4 rev4.</p> <p>Waste types as specified in Schedule 2 table S2.2.</p>

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
A3	S5.3 A(1)(a)(ii) Disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	R3: Recycling/ reclamation of organic substances which are not used as solvents. R4: Recycling/ reclamation of metals and metal compounds.	Aerosol Destruction Plant in Bay 11 as shown on drawing reference ASR 4 rev4. Treatment operations shall be limited to physical treatment consisting of shredding of aerosol canisters and recovery of residues for the purpose of recycling/ reclamation. Including capture of VOCs with Granular Activated Carbon (GAC). Waste types as specified in Schedule 2 table S2.4.
Directly Associated Activity			
A4	Tanker Washing	D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12.	Washing of sludges/residues from tankers after delivery of wastes. Waste types as specified in Schedule 2 table S2.2.
A5	Raw materials storage	Storage of raw materials including diesel.	From the receipt of raw materials to despatch for use within the facility
A6	Surface water collection and storage	Collection and storage of uncontaminated roof and site surface water.	From the collection of uncontaminated roof and site surface water from non operational areas only to re-use within the facility or discharge off-site.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1, 2.2, 2.3, 2.8 and 2.11 given in part B of the application.	26/08/2005
Applicants response to schedule 4 notice dated 08/02/2006	This response updates the response to question 2.1 of part B of the application.	24/02/2006
Applicants response to schedule 4 notice dated 08/02/2006	This response updates the applicants letter date 22/02/2006 and question 2.1 of part B of the application.	11/08/2006 and 15/08/2006
Variation application EPR/GP3935KM/V002	The responses to questions in Forms C2 and C3 of the application. Excluding: Site Plan ref. ASR4 rev 3; Site Risk Assessment ref. RFS-VAPP-004 issue 2; Management System ref GWRS001 issue 5.	02/11/2010
Response to Schedule 5 Notice dated 23/11/2010	The responses to questions 1 to 5, 7 to 9, 13, 14, 17, 18, 21. Excluding: Management System ref GWRS001 issue 6.	17/12/2010
Request for information dated 19/01/2011	The further responses to questions 6, 10, 11, 15, 16, 19, 20.	24/01/2011
Request for information dated 25/02/2011	E-mail exchange regarding roller-shutter doors, stock labelling and stock inventory.	28/02/2011

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall submit a revised management system for approval to meet all the relevant BAT requirements for the aerosol destruction plant detailed in:</p> <ul style="list-style-type: none"> • Sector Guidance Note IPPC S5.06 – <i>Guidance for the Treatment of Hazardous and Non Hazardous Waste</i>; and • An addendum to Sector Guidance Note IPPC S5.06 - <i>Guidance for the storage and treatment of aerosol canisters and similar packaged wastes</i>. <p>The management system shall include:</p> <p>(a) a clearly documented and auditable waste acceptance procedure which details:</p> <ol style="list-style-type: none"> (i) assessment of potential in-feed including pre-acceptance checks to ensure that the wastes received are suitable for shredding, (ii) procedures for the identification, confiscation and repatriation of gas cylinders and other prohibited items, (iii) a dedicated waste reception area with suitably trained staff controlling inspection, reception and validation of wastes, (iv) a dedicated quarantine area for wastes that are prohibited, awaiting full inspection, testing or removal; <p>(b) clearly documented and auditable material handling procedures that ensure emissions including dust and noise from material handling are prevented or where that is not practicable minimised; and</p>	03/08/2016

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>(c) clearly documented and auditable procedures for the management of shredder residues which ensure that:</p> <ul style="list-style-type: none"> (i) all residues are stored on impermeable surface with sealed drainage in a way that prevents or where that is not practicable, minimises emissions and prevents wind-blown dispersion; (ii) all residues are characterised and assessed for appropriate further processing, recovery or disposal. <p>The operator shall implement the management system in accordance with the Environment Agency's written approval.</p>	
IC2	<p>The operator shall submit a written plan to the Environment Agency for approval that includes:</p> <ul style="list-style-type: none"> (a) the results of an assessment of the impact of the emission to air from emission point A1 using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency); and (b) proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and (c) details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant. 	03/11/2016

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel Fuel (Gas Oil)	<0.1% sulphur, usage at 7,000 litres/annum

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals	
01 03	wastes from physical and chemical processing of metalliferous minerals	
01 03 04*	acid-generating tailings from processing of sulphide ore	A
01 03 05*	other tailings containing hazardous substances	M
01 03 07*	other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals	M
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	M
01 05	drilling muds and other drilling wastes	
01 05 05*	oil-containing drilling muds and wastes	M
01 05 06*	drilling muds and other drilling wastes containing hazardous substances	M
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing	
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing	
02 01 08*	agrochemical waste containing hazardous substances	M
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard	
30 1	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	M
03 02	wastes from wood preservation	
03 02 01*	non-halogenated organic wood preservatives	A
03 02 02*	organochlorinated wood preservatives	A
03 02 03*	organometallic wood preservatives	A
03 02 04*	inorganic wood preservatives	A
03 02 05*	other wood preservatives containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
04	Wastes from the leather, fur and textile industries	
04 01	wastes from the leather and fur industry	
04 01 03*	degreasing wastes containing solvents without a liquid phase	M
04 02	wastes from the textile industry	
04 02 14*	wastes from finishing containing organic solvents	M
04 02 16*	dyestuffs and pigments containing hazardous substances	M
04 02 19*	sludges from on-site effluent treatment containing hazardous substances	M
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal	
05 01	wastes from petroleum refining	
05 01 02*	desalter sludges	A
05 01 03*	tank bottom sludges	A
05 01 04*	acid alkyl sludges	A
05 01 05*	oil spills	A
05 01 06*	oily sludges from maintenance operations of the plant or equipment	A
05 01 07*	acid tars	A
05 01 08*	other tars	A
05 01 09*	sludges from on-site effluent treatment containing hazardous substances	M
05 01 11*	wastes from cleaning of fuels with bases	A
05 01 12*	oil containing acids	M
05 01 15*	spent filter clays	A
05 06	wastes from the pyrolytic treatment of coal	
05 06 01*	acid tars	A
05 06 03*	other tars	A
05 07	wastes from natural gas purification and transportation	
05 07 01*	wastes containing mercury	M
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	A
06 01 02*	hydrochloric acid	A
06 01 03*	hydrofluoric acid	A
06 01 04*	phosphoric and phosphorous acid	A
06 01 05*	nitric acid and nitrous acid	A
06 01 06*	other acids	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
06 02	wastes from the MFSU of bases	
06 02 01*	calcium hydroxide	A
06 02 03*	ammonium hydroxide	A
06 02 04*	sodium and potassium hydroxide	A
06 02 05*	other bases	A
06 03	wastes from the MFSU of salts and their solutions and metallic oxides	
06 03 11*	solid salts and solutions containing cyanides	M
06 03 13*	solid salts and solutions containing heavy metals	M
06 03 15*	metallic oxides containing heavy metals	M
06 04	metal-containing wastes other than those mentioned in 06 03	
06 04 03*	wastes containing arsenic	M
06 04 04*	wastes containing mercury	M
06 06 05*	wastes containing other heavy metals	M
06 05	sludges from on-site effluent treatment	
06 05 02*	sludges from on-site effluent treatment containing hazardous substances	M
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes	
06 06 02*	wastes containing hazardous sulphides	M
60 7	wastes from the MFSU of halogens and halogen chemical processes	
06 07 02*	activated carbon from chlorine production	A
06 07 03*	barium sulphate sludge containing mercury	M
06 07 04*	solutions and acids, for example contact acid	A
60 8	wastes from the MFSU of silicon and silicon derivatives	
06 08 02*	wastes containing hazardous silicones	M
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes	
06 09 03*	calcium-based reaction wastes containing or contaminated with hazardous substances	M
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture	
06 10 02*	wastes containing hazardous substances	M
06 13	wastes from inorganic chemical processes not otherwise specified	
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides	A
06 13 02*	spent activated carbon (except 06 07 02)	A
06 13 05*	soot	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
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	A
07 01 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 01 04*	other organic solvents, washing liquids and mother liquors	A
07 01 07*	halogenated still bottoms and reaction residues	A
07 01 08*	other still bottoms and reaction residues	A
07 01 09*	halogenated filter cakes and spent absorbents	A
07 01 10*	other filter cakes and spent absorbents	A
07 01 11*	sludges from on-site effluent treatment containing hazardous substances	M
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres	
07 02 01*	aqueous washing liquids and mother liquors	A
07 02 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 02 04*	other organic solvents, washing liquids and mother liquors	A
07 02 07*	halogenated still bottoms and reaction residues	A
07 02 08*	other still bottoms and reaction residues	A
07 02 09*	halogenated filter cakes and spent absorbents	A
07 02 10*	other filter cakes and spent absorbents	A
07 02 11*	sludges from on-site effluent treatment containing hazardous substances	M
07 02 14*	wastes from additives containing hazardous substances	M
07 02 16*	wastes containing hazardous silicones	M
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)	
07 03 01*	aqueous washing liquids and mother liquors	A
07 03 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 03 04*	other organic solvents, washing liquids and mother liquors	A
07 03 07*	halogenated still bottoms and reaction residues	A
07 03 08*	other still bottoms and reaction residues	A
07 03 09*	halogenated filter cakes and spent absorbents	A
07 03 10*	other filter cakes and spent absorbents	A
07 03 11*	sludges from on-site effluent treatment containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 020109), wood preserving agents (except 0302) and other biocides	
07 04 01*	aqueous washing liquids and mother liquors	A
07 04 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 04 04*	other organic solvents, washing liquids and mother liquors	A
07 04 07*	halogenated still bottoms and reaction residues	A
07 04 08*	other still bottoms and reaction residues	A
07 04 09*	halogenated filter cakes and spent absorbents	A
07 04 10*	other filter cakes and spent absorbents	A
07 04 11*	sludges from on-site effluent treatment containing hazardous substances	M
07 04 13*	solid wastes containing hazardous substances	M
07 05	wastes from the MFSU of pharmaceuticals	
07 05 01*	aqueous washing liquids and mother liquors	A
07 05 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 05 04*	other organic solvents, washing liquids and mother liquors	A
07 05 07*	halogenated still bottoms and reaction residues	A
07 05 08*	other still bottoms and reaction residues	A
07 05 09*	halogenated filter cakes and spent absorbents	A
07 05 10*	other filter cakes and spent absorbents	A
07 05 11*	sludges from on-site effluent treatment containing hazardous substances	M
07 05 13*	solid wastes containing hazardous substances	M
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics	
07 06 01*	aqueous washing liquids and mother liquors	A
07 06 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 06 04*	other organic solvents, washing liquids and mother liquors	A
07 06 07*	halogenated still bottoms and reaction residues	A
07 06 08*	other still bottoms and reaction residues	A
07 06 09*	halogenated filter cakes and spent absorbents	A
07 06 10*	other filter cakes and spent absorbents	A
07 06 11*	sludges from on-site effluent treatment containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified	
07 07 01*	aqueous washing liquids and mother liquors	A
07 07 03*	organic halogenated solvents, washing liquids and mother liquors	A
07 07 04*	other organic solvents, washing liquids and mother liquors	A
07 07 07*	halogenated still bottoms and reaction residues	A
07 07 08*	other still bottoms and reaction residues	A
07 07 09*	halogenated filter cakes and spent absorbents	A
07 07 10*	other filter cakes and spent absorbents	A
07 07 11*	sludges from on-site effluent treatment containing hazardous substances	M
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paint, 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	M
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances	M
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances	M
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances	M
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances	M
08 01 21*	waste paint or varnish remover	A
08 03	wastes from MFSU of printing inks	
08 03 12*	waste ink containing hazardous substances	M
08 03 14*	ink sludges containing hazardous substances	M
08 03 16*	waste etching solutions	A
08 03 17*	waste printing toner containing hazardous substances	M
08 03 19*	disperse oil	A
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	M
08 04 11*	adhesive and sealant sludges containing organic solvents or other hazardous substances	M
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances	M
08 04 17*	rosin oil	A
08 05	wastes not otherwise specified in 08	
08 05 01*	waste isocyanates	A
09	Wastes from the photographic industry	
09 01	wastes from the photographic industry	
09 01 01*	water-based developer and activator solutions	A
09 01 02*	water-based offset plate developer solutions	A
09 01 03*	solvent-based developer solutions	A
09 01 04*	fixer solutions	A
09 01 05*	bleach solutions and bleach fixer solutions	A
09 01 06*	wastes containing silver from on-site treatment of photographic wastes	M
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03	A
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	A
10	Wastes from thermal processes	
10 01	wastes from power stations and other combustion plants (except 19)	
10 01 04*	oil fly ash and boiler dust	A
10 01 09*	sulphuric acid	A
10 01 13*	fly ash from emulsified hydrocarbons used as fuel	A
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances	M
10 01 16*	fly ash from co-incineration containing hazardous substances	M
10 01 18*	wastes from gas cleaning containing hazardous substances	M
10 01 20*	sludges from on-site effluent treatment containing hazardous substances	M
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances	M
10 02	wastes from the iron and steel industry	
10 02 07*	solid wastes from gas treatment containing hazardous substances	M
10 02 11*	wastes from cooling-water treatment containing oil	M
10 02 13*	sludges and filter cakes from gas treatment containing hazardous substances	M
10 03	wastes from aluminium thermal metallurgy	
10 03 04*	primary production slags	A
10 03 08*	salt slags from secondary production	A
10 03 09*	black drosses from secondary production	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities	M
10 03 17*	tar-containing wastes from anode manufacture	M
10 03 19*	flue-gas dust containing hazardous substances	M
10 03 21*	other particulates and dust (including ball-mill dust) containing hazardous substances	M
10 03 23*	solid wastes from gas treatment containing hazardous substances	M
10 03 25*	sludges and filter cakes from gas treatment containing hazardous substances	M
10 03 27*	wastes from cooling-water treatment containing oil	M
10 03 29*	wastes from treatment of salt slags and black drosses containing hazardous substances	M
10 04	wastes from lead thermal metallurgy	
10 04 01*	slags from primary and secondary production	A
10 04 02*	dross and skimmings from primary and secondary production	A
10 04 03*	calcium arsenate	A
10 04 04*	flue-gas dust	A
10 04 05*	other particulates and dust	A
10 04 06*	solid wastes from gas treatment	A
10 04 07*	sludges and filter cakes from gas treatment	A
10 04 09*	wastes from cooling-water treatment containing oil	M
10 05	wastes from zinc thermal metallurgy	
10 05 03*	flue-gas dust	A
10 05 05*	solid waste from gas treatment	A
10 05 06*	sludges and filter cakes from gas treatment	A
10 05 08*	wastes from cooling-water treatment containing oil	M
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gasses in hazardous quantities	M
10 06	wastes from copper thermal metallurgy	
10 06 03*	flue-gas dust	A
10 06 06*	solid wastes from gas treatment	A
10 06 07*	sludges and filter cakes from gas treatment	A
10 06 09*	wastes from cooling-water treatment containing oil	M
10 07	wastes from silver, gold and platinum thermal metallurgy	
10 07 07*	wastes from cooling-water treatment containing oil	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
10 08	wastes from other non-ferrous thermal metallurgy	
10 08 08*	salt slag from primary and secondary production	A
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gasses in hazardous quantities	M
10 08 12*	tar-containing wastes from anode manufacture	M
10 08 15*	flue-gas dust containing hazardous substances	M
10 08 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances	M
10 08 19*	wastes from cooling-water treatment containing oil	M
10 09	wastes from casting of ferrous pieces	
10 09 05*	casting cores and moulds which have not undergone pouring containing hazardous substances	M
10 09 07*	casting cores and moulds which have undergone pouring containing hazardous substances	M
10 09 09*	flue-gas dust containing hazardous substances	M
10 09 11*	other particulates containing hazardous substances	M
10 09 13*	waste binders containing hazardous substances	M
10 09 15*	waste crack-indicating agent containing hazardous substances	M
10 10	wastes from casting of non-ferrous pieces	
10 10 05*	casting cores and moulds which have not undergone pouring, containing hazardous substances	M
10 10 07*	casting cores and moulds which have undergone pouring, containing hazardous substances	M
10 10 09*	flue-gas dust containing hazardous substances	M
10 10 11*	other particulates containing hazardous substances	M
10 10 13*	waste binders containing hazardous substances	M
10 10 15*	waste crack-indicating agent containing hazardous substances	M
10 11	wastes from manufacture of glass and glass products	
10 11 09*	waste preparation mixture before thermal processing, containing hazardous substances	M
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example cathode ray tubes)	M
10 11 13*	glass-polishing and -grinding sludge containing hazardous substances	M
10 11 15*	solid wastes from flue-gas treatment containing hazardous substances	M
10 11 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances	M
10 11 19*	solid wastes from on-site effluent treatment containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products	
10 12 09*	solid wastes from gas treatment containing hazardous substances	M
10 12 11*	wastes from glazing containing heavy metals	M
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them	
10 13 12*	solid wastes from gas treatment containing hazardous substances	M
10 14	waste from crematoria	
10 14 01*	waste from gas cleaning containing mercury	M
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, etching, phosphating, alkaline degreasing, anodising)	
11 01 05*	pickling acids	A
11 01 06*	acids not otherwise specified	A
11 01 07*	pickling bases	A
11 01 08*	phosphatising sludges	A
11 01 09*	sludges and filter cakes containing hazardous substances	M
11 01 11*	aqueous rinsing liquids containing hazardous substances	M
11 01 13*	degreasing wastes containing hazardous substances	M
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing hazardous substances	M
11 01 16*	saturated or spent ion exchange resins	A
11 01 98*	other wastes containing hazardous substances	M
11 02	wastes from non-ferrous hydrometallurgical processes	
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)	A
11 02 05*	wastes from copper hydrometallurgical processes containing hazardous substances	M
11 02 07*	other wastes containing hazardous substances	M
11 03	sludges and solids from tempering processes	
11 03 01*	wastes containing cyanide	A
11 03 02*	other wastes	A
11 05	wastes from hot galvanising processes	
11 05 03*	solid wastes from gas treatment	A
11 05 04*	spent flux	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
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 06*	mineral-based machining oils containing halogens (except emulsions and solutions)	A
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)	A
12 01 08*	machining emulsions and solutions containing halogens	A
12 01 09*	machining emulsions and solutions free of halogens	A
12 01 10*	synthetic machining oils	A
12 01 12*	spent waxes and fats	A
12 01 14*	machining sludges containing hazardous substances	M
12 01 16*	waste blasting material containing hazardous substances	M
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	M
12 01 19*	readily biodegradable machining oil	A
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances	M
12 03	wastes from water and steam degreasing processes (except 11)	
12 03 01*	aqueous washing liquids	A
12 03 02*	steam degreasing wastes	A
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 5, 12 and 19)	
13 01	waste hydraulic oils	
13 01 01*	hydraulic oils, containing PCBs	A
13 01 04*	chlorinated emulsions	A
13 01 05*	non-chlorinated emulsions	A
13 01 09*	mineral-based chlorinated hydraulic oils	A
13 01 10*	mineral based non-chlorinated hydraulic oils	A
13 01 11*	synthetic hydraulic oils	A
13 01 12*	readily biodegradable hydraulic oils	A
13 01 13*	other hydraulic oils	A
13 02	waste engine, gear and lubricating oils	
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils	A
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	A
13 02 06*	synthetic engine, gear and lubricating oils	A
13 02 07*	readily biodegradable engine, gear and lubricating oils	A
13 02 08*	other engine, gear and lubricating oils	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
13 03	waste insulating and heat transmission oils	
13 03 01*	insulating or heat transmission oils containing PCBs	A
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	A
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils	A
13 03 08*	synthetic insulating and heat transmission oils	A
13 03 09*	readily biodegradable insulating and heat transmission oils	A
13 03 10*	other insulating and heat transmission oils	A
13 04	bilge oils	
13 04 01*	bilge oils from inland navigation	A
13 04 02*	bilge oils from jetty sewers	A
13 04 03*	bilge oils from other navigation	A
13 05	oil/water separator contents	
13 05 01*	solids from grit chambers and oil/water separators	A
13 05 02*	sludges from oil/water separators	A
13 05 03*	interceptor sludges	A
13 05 06*	oil from oil/water separators	A
13 05 07*	oily water from oil/water separators	A
13 05 08*	mixtures of wastes from grit chambers and oil/water separators	A
13 07	wastes of liquid fuels	
13 07 01*	fuel oil and diesel	A
13 07 02*	petrol	A
13 07 03*	other fuels (including mixtures)	A
13 08	oil wastes not otherwise specified	
13 08 01*	desalter sludges or emulsions	A
13 08 02*	other emulsions	A
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	A
14 06 02*	other halogenated solvents and solvent mixtures	A
14 06 03*	other solvents and solvent mixtures	A
14 06 04*	sludges or solid wastes containing halogenated solvents	A
14 06 05*	sludges or solid wastes containing other solvents	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
15	Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified	
15 01	packaging (including separately collected municipal packaging waste)	
15 01 10*	packaging containing residues of or contaminated by hazardous substances	M
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers	M
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	M
16	Wastes not otherwise specified in the list	
16 01	end-of-life vehicles from different means of transport (including off road machinery) and waste from dismantling of end-of-life vehicle maintenance (except 13, 14,1606 and 1608)	
16 01 07*	oil filters	A
16 01 08*	components containing mercury	M
16 01 09*	components containing PCBs	M
16 01 13*	brake fluids	A
16 01 14*	antifreeze fluids containing hazardous substances	M
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	M
16 02	wastes from electrical and electronic equipment	
16 02 09*	transformers and capacitors containing PCBs	M
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 160209	M
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC	M
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	M
16 02 15*	hazardous components removed from discarded equipment	A
16 03	off-specification batches and unused products	
16 03 03*	inorganic wastes containing hazardous substances	M
16 03 05*	organic wastes containing hazardous substances	M
16 05	gases in pressure containers and discarded chemicals	
16 05 04*	gases in pressure containers (including halons) containing hazardous substances	M
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals	M
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances	M
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
16 06	batteries and accumulators	
16 06 02*	ni-cad batteries	A
16 06 03*	mercury-containing batteries	A
16 06 06*	separately collected electrolyte from batteries and accumulators	A
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)	
16 07 08*	wastes containing oil	M
16 07 09*	wastes containing other hazardous substances	M
16 08	spent catalysts	
16 08 02*	spent catalysts containing hazardous transition metals or hazardous transition metal compounds	M
16 08 05*	spent catalysts containing phosphoric acid	M
16 08 06*	spent liquids used as catalysts	A
16 08 07*	spent catalysts contaminated with hazardous substances	M
16 09	oxidising substances	
16 09 01*	permanganates, for example potassium permanganate	A
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate	A
16 09 03*	peroxides, for example hydrogen peroxide	A
16 09 04*	oxidising substances, not otherwise specified	A
16 10	aqueous liquid wastes destined for off-site treatment	
16 10 01*	aqueous liquid wastes containing hazardous substances	M
16 10 03*	aqueous concentrates containing hazardous substances	M
16 11	waste linings and refractories	
16 11 01*	carbon-based linings and refractories from metallurgical processes containing hazardous substances	M
16 11 03*	other linings and refractories from metallurgical processes containing hazardous substances	M
16 11 05*	linings and refractories from non-metallurgical processes containing hazardous substances	M
17	Construction and demolition wastes (including excavated soil from contaminated sites)	
17 01	construction and demolition wastes (including excavation soil from contaminated sites)	
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances	M
17 02	wood, bricks and plastic	
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
17 03	bituminous mixtures, coal tar and tarred products	
17 03 01*	bituminous mixtures containing coal tar	M
17 03 03*	coal tar and tarred products	A
17 04	metals (including their alloys)	
17 04 09*	metal waste contaminated with hazardous substances	M
17 04 10*	cables containing oil, coal tar and other hazardous substances	M
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil	
17 05 03*	soils and stone containing hazardous substances	M
17 05 05*	dredging spoil containing hazardous substances	M
17 05 07*	track ballast containing hazardous substances	M
17 06	insulation materials and asbestos-containing construction materials	
17 06 03*	other insulation materials consisting of, or containing hazardous substances	M
17 08	gypsum-based construction materials	
17 08 01*	gypsum-based construction materials contaminated with hazardous substances	M
17 09	other construction and demolition wastes	
17 09 01*	construction and demolition wastes containing mercury	M
17 09 02*	construction and demolition wastes containing PCB (for example PCB containing sealants)	M
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances	M
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 06*	chemicals consisting of or containing hazardous substances	M
18 01 08*	cytotoxic and cytostatic medicines	A
18 01 10*	amalgam waste from dental care	A
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals	
18 02 05*	chemicals consisting of or containing hazardous substances	M
18 02 07*	cytotoxic and cytostatic medicines	A
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and industrial use	
19 01	wastes from incineration or pyrolysis of waste	
19 01 05*	filter cake from gas treatment	A
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes	A
19 01 07*	solid wastes from gas treatment	A

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
19 01 10*	spent activated carbon from flue-gas treatment	A
19 01 11*	bottom ash and slag containing hazardous substances	M
19 01 13*	fly ash containing hazardous substances	M
19 01 15*	boiler dust containing hazardous substances	M
19 01 17*	pyrolysis wastes containing hazardous substances	M
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)	
19 02 04*	premixed wastes composed of at least one hazardous waste	A
19 02 05*	sludges from physico/chemical treatment containing hazardous substances	M
19 02 07*	oil and concentrates from separation	A
19 02 08*	liquid combustible wastes containing hazardous substances	M
19 02 09*	solid combustible wastes containing hazardous substances	M
19 02 11*	other wastes containing hazardous substances	M
19 03	stabilised/solidified wastes	
19 03 04*	wastes marked as hazardous, partly stabilised	A
19 03 06*	wastes marked as hazardous, solidified	A
19 04	vitrified waste and wastes from vitrification	
19 04 02*	fly ash and other flue-gas treatment wastes	A
19 04 03*	non-vitrified solid phase	A
19 07	landfill leachate	
19 07 02*	landfill leachate containing hazardous substances	M
19 08	wastes from waste water treatment plants not otherwise specified	
19 08 06*	saturated or spent ion exchange resins	A
19 08 07*	solutions and sludges from regeneration of ion exchangers	A
19 08 08*	membrane system waste containing heavy metals	M
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	A
19 08 11*	sludges containing hazardous substances from biological treatment of industrial waste water	M
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water	M
19 10	wastes from shredding of metal-containing wastes	
19 10 03*	fluff-light fraction and dust containing hazardous substances	M
19 10 05*	other fractions containing hazardous substances	M

Table S2.2 Permitted waste types and quantities		
Maximum Quantities	Subject to a maximum storage limit of 1,475 tonnes. Subject to a maximum annual throughput of 24,999 tonnes (including asbestos wastes specified in table S2.3).	
Waste Code	Description	
19 11	wastes from oil regeneration	
19 11 01*	spent filter clays	A
19 11 02*	acid tars	A
19 11 03*	aqueous liquid wastes	A
19 11 04*	wastes from cleaning of fuel with bases	A
19 11 05*	sludges from on-site effluent treatment containing hazardous substances	M
19 11 07*	wastes from flue-gas cleaning	A
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
19 12 06*	wood containing hazardous substances	M
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances	M
19 13	wastes from soil and groundwater remediation	
19 13 01*	solid wastes from soil remediation containing hazardous substances	M
19 13 03*	sludges from soil remediation containing hazardous substances	M
19 13 05*	sludges from groundwater remediation containing hazardous substances	M
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances	M
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	
20 01	separately collected fractions (except 1501)	
20 01 13*	solvents	A
20 01 14*	acids	A
20 01 15*	alkalines	A
20 01 17*	photochemicals	A
20 01 19*	pesticides	A
20 01 21*	fluorescent tubes and other mercury-containing waste	A
20 01 23*	discarded equipment containing chlorofluorocarbons	M
20 01 26*	oil and fat other than those mentioned in 20 01 25	A
20 01 27*	paint, inks, adhesives and resins containing hazardous substances	M
20 01 29*	detergents containing hazardous substances	M
20 01 31*	cytotoxic and cytostatic medicines	A
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	A
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous compounds	M
20 01 37*	wood containing hazardous substances	M

Table S2.3 Permitted waste types and quantities for (Asbestos storage area only)		
Maximum Quantities	Subject to a maximum storage limit of 12 m³.	
Waste Code	Description (wastes accepted at the site must have a six figure EWC code and description)	
06	Wastes from inorganic chemical processes	
06 07	wastes from the MFSU of halogens and halogen chemical processes	
06 07 01*	wastes containing asbestos from electrolysis	M
06 13	wastes from inorganic chemical processes not otherwise specified	
06 13 04*	wastes from asbestos processing	A
10	Wastes from thermal processes	
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them	
10 13 09*	wastes from asbestos-cement manufacture containing asbestos	M
16	Wastes not otherwise specified in the list	
16 01	end-of-life vehicles from different means of transport (including off road machinery) and waste from dismantling of end-of-life vehicle maintenance (except 13, 14,16 06 and 16 08)	
16 01 11*	brake pads containing asbestos	M
16 02	wastes from electrical and electronic equipment	
16 02 12*	discarded equipment containing free asbestos	M
17	Construction and demolition wastes (including excavated soil from contaminated sites)	
17 06	insulation materials and asbestos-containing construction materials	
17 06 01*	insulation material containing asbestos	M
17 06 05*	construction materials containing asbestos	M

Table S2.4 Permitted waste types and quantities for the Aerosol Destruction Plant Facility

Maximum quantity	<p>Subject to a maximum storage limit of 160 tonnes (see also table S1.1). Subject to a maximum annual throughput of 7,800 tonnes.</p> <p>Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics:</p> <p>Aerosol canisters with contents exhibiting the following hazards: Explosive (H1); Oxidising (H2); Carcinogenic (H7); Corrosive acids (H8); Infectious (H9); Teratogenic (H10); Mutagenic (H11); substances or preparations that release toxic or very toxic gases in contact with water, air or an acid (H12); substances and preparations capable by any means, after disposal, of yielding another substance e.g. a leachate, which possess properties denoted by hazard codes H1 to H12 (H13).</p> <p>Aerosol canisters with the following contents: Isocyanates; Aliphatic chlorinated solvents; Pastes, sealants and fillers; Epoxy resins; Bleaches; Prescription only medicines; Veterinary medicines.</p> <p>Aerosol canisters containing the following ozone depleting substances: Chlorofluorocarbons; other fully halogenated Chlorofluorocarbons; Halons; Carbon tetrachloride; 1,1,1-trichloethane; Methyl bromide; Hydrobromofluorocarbons; Hydrochlorofluorocarbons; Bromochloromethane.</p> <p>Aerosol canisters containing the following F-gases: Hydrofluorocarbons; Perfluorocarbons; Sulphur hexafluoride.</p>	
Waste Code	Description (wastes accepted at the site must have a six figure EWC code and description)	
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paint, 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	M
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 10*	packaging containing residues of or contaminated by hazardous substances	M
16	Wastes not otherwise specified in the list	
16 05	gasses in pressure containers and discarded chemicals	
16 05 04*	gases in pressure containers (including halons) containing hazardous substances	M
16 05 05	gases in pressure containers other than those mentioned in 16 05 04	

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 Stack of Aerosol Destruction Plant as shown on drawing reference ASR 4 rev4	Volatile organic compounds (VOCs)	Aerosol Destruction Plant	No limit set	--	--	--

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
Sewer discharges on Redfern Street	No parameters set	Uncontaminated surface water	No limit set	--	--	--

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Monitoring of VOC breakthrough of the carbon absorption system.	Lower Explosive Limit (LEL).	As described in the application unless otherwise approved in writing by the Environment Agency.	As described in the application unless otherwise approved in writing by the Environment Agency.	--

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
--	--	--	--

Table S4.2 Annual production/treatment	
Parameter	Units
Metal processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Total raw material used	Annually	tonne

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form WaterUsage1 or other form as agreed in writing by the Environment Agency	03/02/16
Energy usage	Form Energy1 or other form as agreed in writing by the Environment Agency	03/02/16
Other performance indicators	Form Performance1 or other form as agreed in writing by the Environment Agency	03/02/16
Waste returns	E-waste returns	--

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

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

Part B – to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

“baling” means baling that utilises a hydraulic machine that using compressive forces compacts various materials into regular-shaped dense bales (typically a cube). Bales may be belted with straps or steel wire to keep the bale in its compacted state; although for most metal bales this is not necessary. Baled scrap metal may be easier to handle, store and transport than loose scrap.

“compacting” means compacting involving the flattening or crushing of compactable metal wastes to aid storage and economic transportation to the scrap processor; it is often a preparation for shredding. Compacting may be achieved using a waste handler’s loading shovel (known as “tapping”) or specially-designed hydraulic flattener.

“cutting” means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter to cut and/or resize large pieces of scrap metal into more manageable sizes; powder torches and plasma torches may be used to cut heat-resistant scrap e.g. pig iron, copper, bronze).

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

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

“emissions to land” includes emissions to groundwater.

“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.

“grading” means the sorting of metals to industry-agreed specifications ready for use, without the need for further treatment, by the end consumer to manufacture new metals.

“granulating” means granulated to a very small size with metal/non-metal separation by air classification and flotation.

“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 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.

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

“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

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

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

“Lower Explosive Limit” means the lowest concentration (specified as a percentage) of a combustible gas in air capable of burning in the presence of an ignition source.

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

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

“pests” means Birds, Vermin and Insects.

“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; and
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

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

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

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

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

“separation” means separating wastes into different material types, components and grades.

“shearing” means utilises a range of hydraulic machinery that comprise hard steel blades which cut metals into manageable sizes. It may be hand-held, static or attached to mobile plant (e.g. cranes).

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“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.

“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. ‘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.

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

“waste motor vehicle” means a wheeled vehicle for use on land and that does not operate on rails that is waste within the meaning of Article 3(1) of the Waste framework Directive.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

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

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

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

Schedule 7 – Site plan



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END OF PERMIT

Reporting Forms

Permit Number: **EPR/GP3935KM** **Operator:** **Greenway Environmental Limited**

Facility: **Redfern Street Waste Management Facility** **Form Number:** **WaterUsage1/ 03/02/16**

Reporting of Water Usage for the year

Water Source	Usage (m³/year)	Specific Usage (m³/unit output)
Mains water		
Site borehole		
River abstraction		
TOTAL WATER USAGE		

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: **EPR/GP3935KM** **Operator:** **Greenway
Environmental Limited**

Facility: **Redfern Street Waste
Management Facility** **Form Number:** **Energy1/ 03/02/16**

Reporting of Energy Usage for the year

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

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: **EPR/GP3935KM** **Operator:** **Greenway Environmental Limited**

Facility: **Redfern Street Waste Management Facility** **Form Number:** **Performance1/ 03/02/16**

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

Parameter	Units
Total raw material used	tonnes

Operator's comments:

Signed
(Authorised to sign as representative of Operator)

Date.....