

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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AMA (Storage and Distribution) Limited

AMA - Rotherham  
Rawmarsh Road  
Rotherham  
South Yorkshire  
S60 1RZ

## Variation application number

EPR/PP3398ZM/V011

## Permit number

EPR/PP3398ZM

# AMA - Rotherham

## Permit number EPR/PP3398ZM

### Introductory note

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

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

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

This variation increases the throughput and storage of hazardous and non-hazardous waste to the site and because of this, the site will move from just a waste operation permit to become an installation and waste operations permit. Additionally, this variation is adding additional wastes types to the permit.

The variation allows the import and storage 150 tonnes of hazardous or non-hazardous waste per day and the treatment (re-packaging) of 30 tonnes of hazardous waste per day, but limits the annual throughput to 150,000 tonnes per annum.

The variation imposes one improvement condition (IC 01) to verify the volume of potential firewater storage within the buildings and the site, and if necessary propose improvements with timescales for those improvements to be installed.

This variation consolidates all the previous variations of the original permit and updates the permit to modern conditions

The rest of the site will continue to operate as follows:

The site is located in Rotherham, South Yorkshire (at NGR SK 43336 93966), adjacent to the River Don and is surrounded on the other side by the Sheffield and South Yorkshire Navigation Rotherham Cut.

The site is currently not within an Air Quality Management Zone for particulates or oxides of nitrogen. It is also not within the prescribed distance (10,000 m) of any European designated sites, but is within the following distances of a number of Local Wildlife Sites:

Local Wildlife Site	Distance
Un named site	200 m (Radial)
Aldwarke Sewage Works	1051 m (Radial)
Clough Streamside (extension)	1276 m (Radial)
Clough Streamside	1387 m (Radial)
New Stubbin Colliery & Stubbin	1707 m (Radial)
Canklow Wood	1896 m (Radial)
Sheffield & South Yorkshire Navigation	1914 m (Radial)
Bradgate Brickworks	1949 m (Radial)

The site is permitted to accept 150,000 tonnes of waste per annum and store 1750 tonnes of waste on the site at any one time.

The facility comprises the following installation activities:

Storage, transfer and treatment of hazardous and non-hazardous waste –

- Temporary storage of hazardous waste: Section 5.6 A (1) (a) (i) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.
- Re-packaging of materials: Section 5.3 A (1) (a) (iv) – Recovery of hazardous waste with a capacity of more than 10 tonnes per day.
- Treatment of non- hazardous waste: Waste Operation: Recovery of non-hazardous waste – R5 – Recovery of inorganic waste.
- Storage and Bulking up of non-hazardous waste for recovery and disposal (R3, R4, R13, D9, D15).

The facility comprises the following directly associated activities:

- Surface Water Management and Discharge to Sewer

The facility comprises the following waste operations:

- Treatment of inorganic material.
- Bulking up of inorganic wastes types
- Metal Recycling.
- Storage of wastes.

The site has two main buildings that are contained with concrete floors and sealed drainage. Rainwater shedding from the roofs of the buildings passes to a surface water drainage system, which discharges to sewer. The surrounding yard is constructed from a combination of impermeable concrete surfacing and concrete block laid on a concreted surfacing, which drains to foul sewer via an interceptor (S1).

The installation activity has one point source emission to air (A1) from a vacuum used to empty carbon from a capsule into storage bags. This will not give rise to particulates as it filtered. Daily monitoring of the filter and the point source will be undertaken.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Waste Disposal Licence WD20R962	14/06/1993	Permit issued to AMA (Storage and Distribution) Limited.
Licence Modification WD20 R962	01/11/1997	Modification to amend conditions to a significant extent.
Licence Modification EAWML 61617 (WD20R962)	13/02/2003	Application to vary and update the permit to accept spent activated carbon.
Licence Modification EAWML 61617	12/12/2005	Remove financial provision.
Variation Determined EPR/PP3398ZM/V002 (EAWML 61617)	29/03/2012	Administrative variation to increase the site boundary of the permit.
Variation Determined EPR/PP3398ZM/V003	02/10/2012	Environment Agency imitated variation and consolidation to vary and consolidate permit issued in modern condition format.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Variation Determined EPR/PP3398ZM/V004	03/03/2016	Variation to add 9 additional EWC codes.
Variation Determined EPR/PP3398ZM/V005	23/08/2016	Variation to add a EWC code and Fire prevention condition added to the permit.
Variation Determined EPR/PP3398ZM/V006	09/06/2017	Variation to add EWC codes to the permit.
Variation determined EPR/PP3398ZM/V007	05/09/2017	Variation to add EWC codes to the permit.
Application EPR/PP3398ZM/V008 (variation and consolidation)	Duly made 11/08/2017	Application to add EWC codes 12 01 17 and 10 02 02 to the permit.
Variation determined EPR/PP3398ZM/V008	13/10/2017	Varied permit issued.
EPR/PP3398ZM/V009	--	Blank entry on Regis and could not be used.
Application EPR/PP3398ZM/V010 (variation)	Duly made 16/02/2018	Application to add EWC code.
Variation determined EPR/PP3398ZM/V010	29/03/2018	Varied permit issued.
Application EPR/PP3398ZM/V011 (variation and consolidation)	Duly made 05/04/2018	Application to vary to increase the throughput, storage on site and add waste types and update the permit to modern conditions.
Additional Information for Application EPR/PP3398ZM/V011	Duly made 05/04/2018	Additional information (not duly made response) and resubmission of the application forms
Response to Schedule 5 dated 26/06/2018	03/07/2018 05/07/2018 13/08/2018 16/08/2018 22/08/2018 12/09/2018	Information relating to:- <ul style="list-style-type: none"> <li>• Site risk assessment</li> <li>• Pre-acceptance, Acceptance and Storage</li> <li>• Waste types</li> <li>• Technical Competence</li> <li>• Fugitive emissions</li> <li>• Point sources</li> <li>• Management systems</li> <li>• BAT issues</li> <li>• Fire Prevention Plan</li> </ul>
Additional Information for the Schedule 5 response	03/12/2018	Information relating to:- <ul style="list-style-type: none"> <li>• Site risk assessment</li> <li>• Waste types</li> <li>• Fire Prevention Plan</li> </ul>
Response to further information request dated 19/12/2018	22/01/2019 29/01/2019	Information relating to fire prevention plan
Additional Information	25/03/2019 26/03/2019	Information relating to fire prevention plan and hazardous properties

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional Information	25/03/2019 26/03/2019 17/04/2019	Information relating to waste types and hazardous properties
Additional Information	01/05/2019	Information relating to waste acceptance criteria
Additional Information	13/05/2019	Confirmation of site boundary and emission points
Additional Information	30/05/2019	Information relating to waste types and hazardous properties
Additional Information	06/06/2019	Information relating to waste types and hazardous properties
Variation determined EPR/PP3398ZM (Billing Reference: LP3731JD)	14/06/2019	Varied permit issued.

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

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

### Permit number

EPR/PP3398ZM

### Issued to

**AMA (Storage and Distribution) Limited** (“the operator”)

whose registered office is

**Rawmarsh Road  
Rotherham  
South Yorkshire  
S60 1RZ**

company registration number **02187536**

to operate regulated facilities at

**AMA - Rotherham  
Rawmarsh Road  
Rotherham  
South Yorkshire  
S60 1RZ**

to the extent set out in the schedules.

The notice shall take effect from 14/06/2019

Name	Date
Claire Roberts	14/06/2019

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/PP3398ZM**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**AMA (Storage and Distribution) Limited** (“the operator”),

whose registered office is

**Rawmarsh Road  
Rotherham  
South Yorkshire  
S60 1RZ**

company registration number **02187536**

to operate an installation and waste operations at

**AMA - Rotherham  
Rawmarsh Road  
Rotherham  
South Yorkshire  
S60 1RZ**

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

Name	Date
Claire Roberts	14/06/2019

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 following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 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 tables S2.2 S2.3, S2.4 and S2.5; 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 properties associated with the waste, if applicable; and
  - (e) the waste code of the waste.

### **Hazardous waste storage and treatment**

- 2.3.6 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.

## **WEEE storage**

- 2.3.7 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.3.8 WEEE shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

## **2.4 Improvement programme**

- 2.4.1 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.
- 2.4.2 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 tables S3.1 and S3.2.
- 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.
- 3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to 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.

### **3.4 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 and S3.2.

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.

### **3.6 Fire prevention**

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

## **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 following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 For the following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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 For the following activities referenced in schedule 1, table S1.1 AR5 to AR6, the Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit; or
  - (c) any significant adverse environmental effects.
- 4.3.4 For the following activities referenced in schedule 1, table S1.1 AR5 to AR6, any information provided under condition 4.3.3 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.5 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.
- 4.3.6 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
  - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
  - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
  - (b) any change in the operator's name(s) or address(es); and
  - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.7 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.

4.3.8 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 For the following activities referenced in schedule 1, table S1.1 AR1 to AR4, 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.

4.4.3 For the following activities referenced in schedule 1, table S1.1 AR5 to AR6, in this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

# Schedule 1 – Operations

Table S1.1 activities			
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
AR1	<p>S5.6 A1 (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—</p> <p>(i) temporary storage, pending collection, on the site where the waste is generated, or</p> <p>(ii) activities falling within Section 5.2.</p>	<p>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>	<p>Storage of hazardous waste (including WEEE):</p> <p>All Hazardous waste to be stored in accordance within maximum quantities and restrictions stated in “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19 unless otherwise agreed in writing with the Environment Agency</p> <p>Refrigeration units shall not be stored for more than 3 months without prior written approval from the Environment Agency.</p> <p>All other hazardous waste storage pending treatment shall not exceed 6 months, without prior written approval from the Environment Agency.</p> <p>Free storage of refrigeration units shall not exceed a maximum storage height of 3.5 metres.</p> <p>Storage capacity of WEEE (including fridges/refrigeration units) shall not exceed 5 tonnes at any one time.</p> <p>All hazardous waste will be stored in a building (Building B) unless otherwise specified in “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19 or unless otherwise agreed in writing with the Environment Agency.</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
			<p>There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p> <p>Batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.2.</p>
<p><b>AR2 (hazardous waste (carbon))</b></p>	<p>S5.3 A1 (a)(iv) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1.</p>	<p>R5 – Recycling/reclamation of other inorganic materials</p>	<p>Re-packing of the waste shall take place in Building B only.</p> <p>Except for wastes specified in Table S2.3, there shall be no treatment of hazardous wastes, other than sorting and separating from other wastes.</p> <p>Waste types as specified in Table S2.3 and no more than 30 tonnes to be processed per day.</p>
<p><b>Directly Associated Activity</b></p>			
<p><b>AR3</b></p>	<p>Surface water management</p>	<p>Collection and management of surface water from the site</p>	<p>From the collection of site surface water from the site to be discharged to the sewer.</p>
<p><b>AR4</b></p>	<p>Discharge to Sewer to Yorkshire Water Blackburn Meadows Sewage Treatment Works</p>		

<b>Table S1.1 activities</b>		
	<b>Description of activities for waste operations</b>	<b>Limits of activities</b>
<b>AR5 (non-hazardous waste (carbon))</b>	<p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Repacking of wastes and storage of the waste shall take place in Building B only.</p> <p>Non-hazardous wastes shall be stored in Building B in accordance with “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19. The maximum quantity to be stored of these wastes shall be as detailed in “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19.</p> <p>Waste types as specified in Table S2.4.</p>
<b>AR6 (other non-hazardous materials)</b>	<p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12</p> <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>	<p>Physical treatment of non- hazardous waste including manual and mechanical sorting/ separation, screening and cutting using handheld equipment only, of ferrous metals or alloys and non-ferrous metals into different components for disposal (no more than 50 tonnes per day) or recovery.</p> <p>No treatment in shredders of metal waste.</p> <p>No treatment of non-metal wastes.</p> <p>Non-hazardous wastes shall be stored in accordance with “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19. The maximum quantity of these wastes shall be as detailed in “AMA Generic EWC Codes with Waste Type Restrictions” dated 06/06/19</p> <p>Subject to any other requirements of this permit, wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.</p> <p>The storage of wastes for the purposes of disposal (D15) shall not exceed 50 tonnes per day.</p> <p>No more than 50 tonnes per day of non hazardous waste to be treated at the site under a D9 activity.</p> <p>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface. All other wastes shall be stored on an impermeable surface with sealed drainage system.</p> <p>Waste types as specified in Table S2.5</p>

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	<p>Following Sections of the application document(s) provided in response to section 3a – technical standards , Part C3 of the application form</p> <p>Sections</p> <ul style="list-style-type: none"> <li>• SUM 01</li> <li>• AMA PRE</li> <li>• AMA FULL</li> <li>• RAVS</li> <li>• RA</li> <li>• EM1</li> <li>• AMA/EP 01 to AMA/EP/014</li> <li>• AMA F001 to F009</li> <li>• AMA/1/002</li> <li>• AMA IAS</li> </ul>	Duly Made 05/04/2018
Application	Response to section 3a– technical standards and Appendix 5, Part C3 of the application form or such other subsequent guidance as may be agreed in writing with the Environment Agency.	Duly Made 05/04/18
Response to Schedule 5 Notice dated 26/06/18	All parts	03/07/2018 05/07/2018 13/08/2018 16/08/2018 22/08/2018 12/09/2018
Response to Schedule 5 Notice dated 26/06/18 and Request for Information email dated 19/12/2018	<p>Approved Fire Prevention Plan consisting of the following documents:</p> <p>Fire Management Plan: M Oldknow/FPP Date 29/01/19</p> <p>Appendix B. Site plan with waste types.</p> <p>Appendix C. AMA Out of hours contact details.</p> <p>Appendix D AMA Full Waste Acceptance (1)</p> <p>Appendix E. FPP. Yorkshire Water.</p> <p>Appendix F. Rev SP04</p> <p>AMA Generic EWC Codes with Waste Type Restrictions</p>	29/01/2019          06/06/2019
Additional Information	Revised Waste Acceptance Criteria (PO01)	01/05/2019
Additional Information	AMA Generic EWC Codes with Waste Type Restrictions	06/06/2019

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC 01	<p>The operator shall carry out a review of the containment measures necessary to prevent any release of waters to the environment in the event of a major spillage or fire (including firewater run-off).</p> <p>The operator shall include the capacity of the sump compared to the largest storage tanks, the doorways to the buildings to ensure the building is a contained system and the need to kerb/bund the car park/ work area perimeter adjacent to the canal to prevent firewater runoff reaching the canal.</p> <p>The operator shall submit a proposal report for the storage, assessment and discharge in a controlled manner of contaminated firewater in the event of an incident to the sewer.</p> <p>The proposal report shall ensure sufficient contained storage volume is available for temporary storage of firewater run-off.</p> <p>The proposal report shall include but not be limited to:</p> <ul style="list-style-type: none"> <li>• Final emergency procedures including sampling, assessment criteria and disposal procedures for handling such firewater, plus procedures for manhole closure in the event of a fire incident.</li> <li>• Emergency contained storage facilities for firewater with final storage volumes inside and external to main process building.</li> </ul> <p>The operator shall as part of the proposal report, identify any improvements required (for example the construction of bunded bays, bunds and kerbs), and provide an implementation plan that includes timescales to the Environment Agency for written approval.</p> <p>Once approved in writing and from the date stipulated by the Environment Agency, the report and plan shall be implemented in accordance with the agreed timescales, subject to such amendments or additions as notified by the Environment Agency.</p>	13/12/2019

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for all Hazardous Waste Storage (AR1)	
Maximum quantity	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
Waste code	Description
<b>6</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 07</b>	wastes from the MFSU of halogens and halogen chemical processes
06 07 02*	activated carbon from chlorine production
<b>06 13</b>	wastes from inorganic chemical processes not otherwise specified
06 13 02*	spent activated carbon (except 06 07 02)
<b>7</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 01</b>	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 10*	spent activated carbon from chemical manufacturing
<b>07 04</b>	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 10*	spent activated carbon from manufacturers of plant protection products
<b>07 07</b>	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 10*	other filter cakes and spent absorbents
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>
<b>10 02</b>	wastes from the iron and steel industry
10 02 07*	solid wastes from gas treatment containing hazardous substances

<b>Table S2.2 Permitted waste types and quantities for all Hazardous Waste Storage (AR1)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
<b>Waste code</b>	<b>Description</b>
10 02 13*	sludges and filter cakes from gas treatment containing hazardous substances
<b>11</b>	<b>Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy</b>
<b>11 02</b>	<b>wastes from non-ferrous hydrometallurgical processes</b>
11 01 13*	degreasing wastes containing hazardous substances
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 14*	machining sludges containing hazardous substances
12 01 16*	waste blasting material containing hazardous substances
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances
<b>13</b>	<b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01*	solids from grit chambers and oil/water separators
<b>15</b>	<b>Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 10*	packaging containing residues of or contaminated by hazardous substances
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
<b>16</b>	<b>Wastes not otherwise specified in the list</b>
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 01*	lead batteries

<b>Table S2.2 Permitted waste types and quantities for all Hazardous Waste Storage (AR1)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
<b>Waste code</b>	<b>Description</b>
16 06 02*	Ni-Cd batteries
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 08*	wastes containing oil - Tank Cleaning Solids contaminated with Oil. Solids Only.
16 07 09*	wastes containing other hazardous substances - Tank Cleaning Solids contaminated with Hazardous Materials. Solids Only.
<b>16 08</b>	<b>spent catalysts</b>
16 08 02*	spent catalysts containing hazardous transition metals or hazardous transition metal compounds
<b>16 11</b>	<b>waste linings and refractories</b>
16 11 03*	other linings and refractories from metallurgical processes containing hazardous substances
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 01*	bituminous mixtures containing coal tar
<b>17 04</b>	<b>metals (including their alloys)</b>
17 04 09*	metal waste contaminated with hazardous substances
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing hazardous substances
<b>19</b>	<b>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</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 10*	spent activated carbon from flue-gas treatment
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>

<b>Table S2.2 Permitted waste types and quantities for all Hazardous Waste Storage (AR1)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
<b>Waste code</b>	<b>Description</b>
19 08 06*	saturated or spent ion exchange resins
19 08 13*	damp spent activated carbons from waste water treatment plants
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 06*	wood containing hazardous substances
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 05*	damp spent activated carbons from groundwater treatment containing hazardous materials
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
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

<b>Table S2.3 Permitted waste types and quantities for Hazardous Waste Treatment (AR2)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
<b>Waste code</b>	<b>Description</b>
<b>6</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 07</b>	<b>wastes from the MFSU of halogens and halogen chemical processes</b>
06 07 02*	activated carbon from chlorine production
<b>06 13</b>	<b>wastes from inorganic chemical processes not otherwise specified</b>
06 13 02*	spent activated carbon (except 06 07 02)

<b>Table S2.3 Permitted waste types and quantities for Hazardous Waste Treatment (AR2)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>Only wastes with the following HP codes will be accepted for the above activity: HP3, HP4, HP5, HP6, HP7, HP8, HP10, and HP14.</p> <p>No asbestos or waste contaminated with asbestos</p>
<b>Waste code</b>	<b>Description</b>
<b>7</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 01</b>	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 10*	spent activated carbon from chemical manufacturing
<b>07 04</b>	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 10*	spent activated carbon from manufacturers of plant protection products
<b>19</b>	<b>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</b>
<b>19 08</b>	wastes from waste water treatment plants not otherwise specified
19 08 13*	damp spent activated carbons from waste water treatment plants
<b>19 12</b>	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances – Activated carbon waste only.
<b>19 13</b>	wastes from soil and groundwater remediation
19 13 05*	damp spent activated carbons from groundwater treatment containing hazardous materials

<b>Table S2.4 Permitted waste types and quantities for Non-hazardous Waste Storage and Treatment (repacking) (AR5)</b>	
<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p>
<b>Waste code</b>	<b>Description</b>
<b>19</b>	<b>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</b>

**Table S2.4 Permitted waste types and quantities for Non-hazardous Waste Storage and Treatment (repacking) (AR5)**

<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p>
<b>Waste code</b>	<b>Description</b>
<b>19 05</b>	<b>wastes from aerobic treatment of solid wastes</b>
19 05 99	spent activated carbons from aerobic waste treatment
<b>19 06</b>	<b>wastes from anaerobic treatment of waste</b>
19 06 99	spent activated carbons from anaerobic waste treatment
<b>19 09</b>	<b>wastes from the preparation of water intended for human consumption or water for industrial use</b>
19 09 04	spent activated carbon
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 06	damp spent activated carbons from the treatment of very lightly contaminated groundwater

**Table S2.5 Permitted waste types and quantities for Non-Hazardous Waste Storage and Treatment (AR6)**

<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p>
<b>Waste code</b>	<b>Description</b>
<b>2</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 10	waste metal
<b>6</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 11</b>	<b>wastes from the manufacture of inorganic pigments and opacifiers</b>
06 11 01	calcium-based reaction wastes from titanium dioxide production
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 02</b>	<b>wastes from the iron and steel industry</b>

**Table S2.5 Permitted waste types and quantities for Non-Hazardous Waste Storage and Treatment (AR6)**

<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p>
<b>Waste code</b>	<b>Description</b>
10 02 02	unprocessed slag
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 17	waste blasting material other than those mentioned in 12 01 16
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 04	metallic packaging
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>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)</b>
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 04	alkaline batteries (except 16 06 03)
<b>16 08</b>	<b>spent catalysts</b>
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
<b>16 11</b>	<b>waste linings and refractories</b>

**Table S2.5 Permitted waste types and quantities for Non-Hazardous Waste Storage and Treatment (AR6)**

<b>Maximum quantity</b>	<p>The total quantity of waste accepted at the site for the above activity shall be less than 150,000 tonnes a year;</p> <p>The total quantity of waste accepted at the site for all activities is 150,000 tonnes a year.</p> <p>The total amount of waste stored on site at any one time for all activities will be 1750 tonnes.</p>
<b>Waste code</b>	<b>Description</b>
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
<b>17 04</b>	<b>metals (including their alloys)</b>
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
<b>19</b>	<b>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</b>
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 02	ferrous metal
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 40	metals

## Schedule 3 – Emissions and monitoring

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 – Exhaust on 'Emissions Points and Drainage' plan in schedule 7	Carbon extraction vacuum	Particulates	No visible dust	--	Daily	Visual

<b>Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 – sewer discharge offsite to Yorkshire Water Blackburn Meadows Sewage Treatment Works on 'Emissions Points and Drainage' plan in schedule 7	--	Run off from operational areas	No limits	--	--	--

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Emissions to air Parameters as required by condition 3.5.1.	A1 (Particulates)	Every 12 months	1 January

<b>Table S4.2 Production/treatment</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
A summary of the waste materials treated and removed from site.	Annually	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Air	As agreed in writing by the Environment Agency	--
Waste Returns	E-waste Return Form or otherwise agreed in writing with the Environment Agency	

# 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	

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

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

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

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

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

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

“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

“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).

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

“controlled substances” means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unreacted feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling.

“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.

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

“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.

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

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

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

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

- 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.

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

“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.

“treatment in shredders” includes treatment in plant such as hammer mills, chain mills, rotary shears and other similar equipment that is designed to fragment metal into smaller pieces to allow the separation of the metallic and the non metallic fractions. It does not include shearers and guillotines which utilise a range of hydraulic machinery that comprise hard steel blades to cut metals into manageable sizes.’

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

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

“year” means calendar year ending 31 December.

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

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

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

“PCBs” means

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

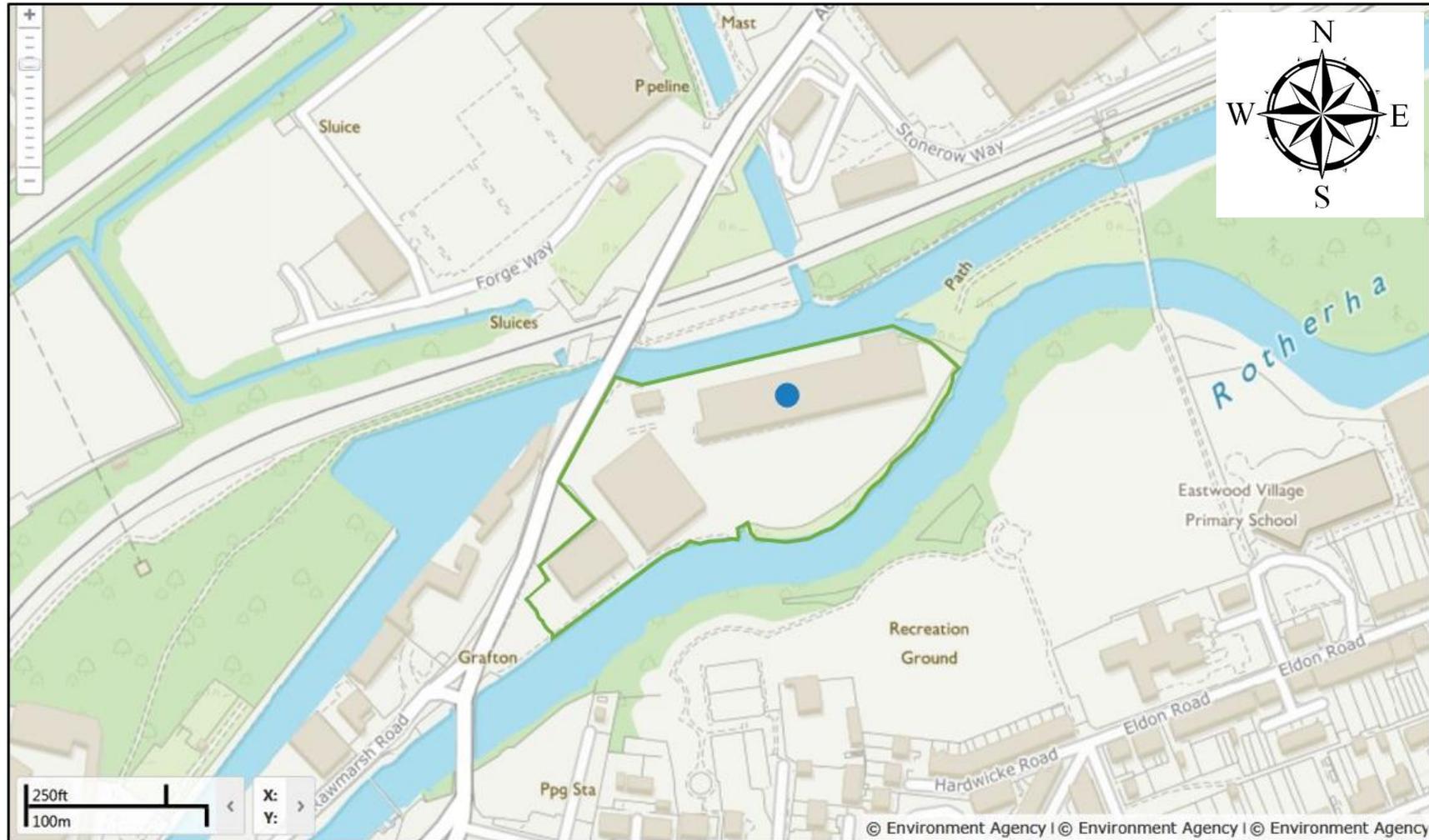
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

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

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

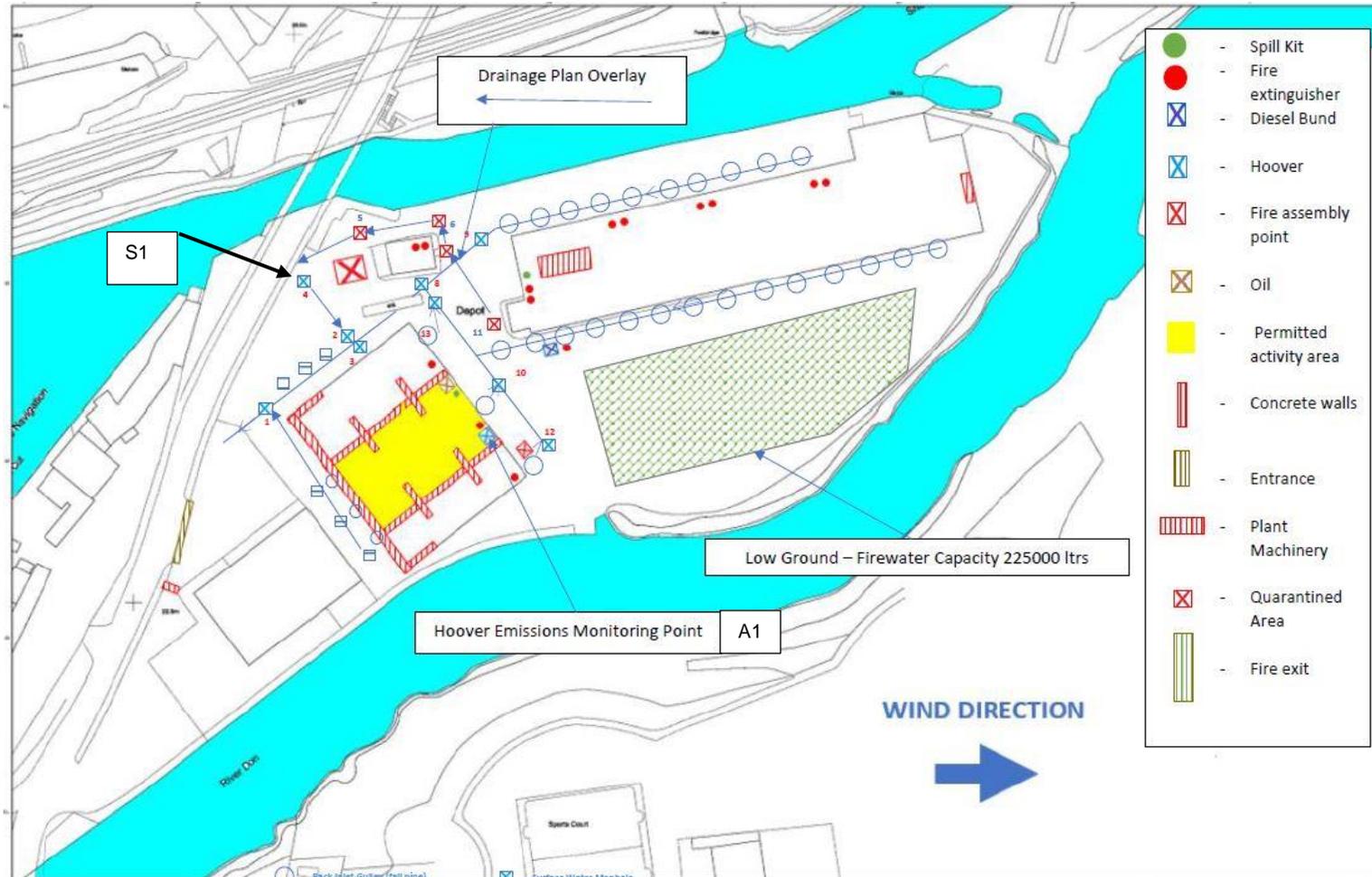
“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

# Schedule 7 – Site plan



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## Emission Points and Drainage plan



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