

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

---

Sims Group UK Limited

Rabone Lane

Smethwick

Warley

B66 2LF

**Variation application number**

EPR/ZP3691ET/V006

**Permit number**

EPR/ZP3691ET

# Rabone Lane

## Permit number EPR/ZP3691ET

### 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. Only the variations specified in schedule 1 are subject to a right of appeal.

This variation adds installation activities to the permit for the treatment of hazardous waste. This is due to a change in EWC code classification of small Mixed WEEE (Waste Electrical and Electronic Equipment) plastic casings. These can contain POPs (Persistent Organic Pollutants) and as result are deemed to be hazardous waste. This variation adds the following activities to the permit:

Section 5.3 A (1) a) (ii) - disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment and

Section 5.6 A (1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

It also adds the following waste codes to the permit: EWC 19 10 03\*, 19 10 05\*, 19 12 11\* 19 02 04\*, and 16 02 15\*.

Small Mixed WEEE (SMW) will be delivered to site from contracted suppliers and be subject to a pre acceptance and waste acceptance procedures. WEEE wastes will be stored and dealt with in accordance to relevant legislative requirements of the WEEE Regulations 2013 and Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities”.

SMW will be manually pre-treated on site to remove components that require removal prior to mechanical treatment. It will be treated as discrete batches of material. The equipment used / process route will be the same as for other waste streams.

Wastes from the process that are currently incapable of further viable treatment for metals recovery ('frag waste') will be transported from site for authorised disposal or further recovery.

In addition to the installation activities, the facility also operates a range of Waste Operations that include:

- Metal recycling.
- End of Life Vehicles (ELV) storage, depollution and dismantling.
- Storage of hazardous wastes in relation to waste operations.
- Metals washing

The Directly Associated Activities (DAAs) that are linked to the Installation include storage of the in-feed waste, pre-treatment/pre shredding in-feed waste, separation of fragmented waste and storage of the output from the shredder.

There are no changes to the annual throughput of waste that the facility is authorised to accept as a result of this variation. The maximum throughput allowed under the Installation activities and Waste Operations will remain as 374,999 tonnes per year and 74,999 tonnes per year respectively.

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 SL 1055 issued to Dunn Bros (metals) Limited	15/01/93	
Variation to application	01/11/96	
Variation to application	01/05/98	
Variation to application	07/11/08	
Administrative Variation application EPR/LP3091FK/V005	10/05/10	
Transfer application EPR/ZP3691ET/T001 (formerly administrative variation EPR/LP3091FK/V005)	Duly made 16/06/11	
Transfer determined EPR/ZP3691ET	12/07/11	Permit transferred from Dunn Brothers (1995) Limited to Sims Group UK Limited.
Application EPR/ZP3691ET/V002 (variation and consolidation)	Duly made 12/09/14	Application to vary and update the permit to IED conditions.
Variation determined EPR/ZP3691ET (Billing ref: ZP3032WF)	29/06/16	Varied and consolidated permit issued in modern condition format.
Application EPR/ZP3691ET/V003 (administrative variation)	Duly made 21/09/16	Variation application to add two new waste codes to table S2.1.
Variation determined EPR/ZP3691ET (PAS billing ref EP3736DW)	24/11/16	Varied permit issued.
Application EPR/ZP3691ET/V004 (variation and consolidation)	Duly made 12/03/18	Application to add waste EWC code 20 01 35* to Table S2.2, allow the acceptance and treatment of Small Mixed WEEE and to replace previous operating techniques and working plans associated with the permit with the operating techniques submitted with the application.
Additional information	15/05/18	Email containing the amended operating techniques documents.
Additional information	16/05/18	Email containing document on site's waste pre-acceptance, acceptance and rejection procedures.
Additional information	25/05/18	Operator's response to draft variation notice containing additional information on hazardous waste storage and dust suppression procedures.
Additional information	01/06/18	Emails that contain information on ELV handling procedure and updated copy of the operating techniques document.
Variation determined EPR/ZP3691ET Billing reference: TP3931JK	05/06/18	Varied permit issued.
Application EPR/ZP3691ET/V005 (variation and consolidation)	Duly Made 27/01/23	Application to add waste EWC codes 19 10 03*, 19 10 05*, 19 12 11* 19 02 04*, and 16 02 15* to Table S2.2, to allow the acceptance, storage, and treatment of SMW and to allow Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional Information received in response to Request for Further Information (RFI)	24/03/23	Document titled "Sims Smethwick BAT Assessment" received in response to the RFI.
Response to Schedule 5 Notice dated 19/05/2023	27/06/23	Email titled "SIMS Schedule 5 Request Application ZP3691ET/VOO5" received in response to questions 1a - 1c, 2, 3 and 4 of the Schedule 5 Notice.
Response to second Schedule 5 Notice dated 05/07/2023	12/07/23	Email containing documents titled "Sims shredder process route OT appendix 3 April 2022" and "Sims Smethwick Process Description _OT Appendix 4 _April 2022" received in response to questions 1a and 1b
Variation Determined	18/12/23	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/ZP3691ET

### Issued to

**Sims Group UK Limited** (“the operator”)

whose registered office is

**Long Marston  
Stratford-Upon-Avon  
Warwickshire  
CV37 8AQ**

company registration number 03242331

to operate regulated facilities at

**Rabone Lane  
Smethwick  
Warley  
B66 2LF**

to the extent set out in the schedules.

The notice shall take effect from 18/12/2023

Name	Date
Peter Maksymiw	18/12/2023

Authorised on behalf of the Environment Agency

## **Schedule 1**

The following condition and tables were varied or deleted as a result of the application made by the operator:

Condition 2.3.4(a) has been amended to include a new list of waste table.

Conditions 2.6.1 to 2.6.7 WEEE storage and treatment have been deleted and replaced with new WEEE conditions 2.6.1 and 2.6.2 to reflect the modern WEEE metal shredding permit template.

Conditions 2.7.1 and 2.7.2 have been deleted because the previous Improvement Conditions are now completed.

Condition 3.1.3 is added to reflect modern permit conditions.

Table S1.1 as referenced in Conditions 2.1.1, 2.1.2 and 2.3.3 has been amended by the insertion of two new installation activities 5.3 A (1)a (ii) and 5.6 A (1) a, and the deletion of activities:

- Physical treatment for the purpose of recycling.
- Hazardous waste treatment (now replaced by activity A2 in table S1.1).

Table S1.2 as referenced in Conditions 2.3.1 and 2.3.2 has been amended by adding additional Operating Techniques submitted as part of this application.

Table S1.4 Improvement Programme requirements of the previous permit variation has been deleted to acknowledge that the Improvement Conditions IC1 to IC7 are now completed.

Table S1.5 as referenced in condition 2.6.2 has been added to reflect the modern WEEE, metal permit template.

Table S2.1 and S2.2 as referenced in condition 2.3.4(a) have been amended to reflect renumbered activities.

Table S2.3 has been added to reflect the new activities and waste codes.

Table S3.1 Point source emissions to air, as referenced in condition 3.1.1, 3.5.1, and 3.5.4 has been amended to reflect the appropriate parameters and emission limits in the Waste BAT Conclusions

Table S3.2 Point source emissions to sewer as referenced in condition 3.1.1, 3.5.1 and 3.5.4 has been amended to reflect the parameters, monitoring frequency and emission limits in the Waste BAT Conclusions.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/ZP3691ET**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/ZP3691ET/V005 authorising,

**Sims Group UK Limited** (“the operator”),

whose registered office is

**Long Marston  
Stratford-Upon-Avon  
Warwickshire  
CV37 8AQ**

company registration number 03242331

to operate installations and waste operations at

**Rabone Lane  
Smethwick  
Warley  
B66 2LF**

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

<b>Name</b>	<b>Date</b>
<b>Peter Maksymiw</b>	<b>18/12/2023</b>

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, A1 to A8 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, A1 to A8 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, A1 to A7 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 to S1.3 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 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3 and S2.4;
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Hazardous waste storage**

- 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 Vehicle depollution and dismantling**

- 2.5.1 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.

## **2.6 WEEE storage and treatment**

- 2.6.1 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE unless the WEEE is being prepared for re-use or the operator has taken appropriate measures to ensure their removal following transfer off site.
- 2.6.2 Unless otherwise agreed in writing by the Environment Agency, WEEE shall be treated in accordance with the standards specified in table S1.5.

## **2.7 Improvement programme**

- 2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.4 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 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 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.
- 3.4.3 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

### **3.5 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; and
  - (b) ambient air monitoring specified in table S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

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

### **3.6 Monitoring for radioactive substances**

- 3.6.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.
- 3.6.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.
- 3.6.3 The monitoring carried out to fulfil condition 3.6.1 shall include, as a minimum, use of:
- (a) fixed radiation detectors at all weighbridges at the site; and
  - (b) a hand held detector to investigate alarms generated by the equipment in (a) above.
- 3.6.4 The equipment referred to in condition 3.6.3 (a) shall:
- (a) include solid state scintillation detectors;
  - (b) be positioned as close as reasonably practicable to the waste being monitored;
  - (c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of 'Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal', UNECE, 2006;
  - (d) include visual and audible alarms which activate on detection of radiation above a defined action level.
- 3.6.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.
- 3.6.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.6.3.
- 3.6.7 The operator shall, without delay, inform the Environment Agency of each confirmed detection of radiation in accordance with this condition and the action taken in accordance with condition 4.3.1

### **3.7 Pests**

- 3.7.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.7.2 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.

### **3.8 Fire prevention**

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

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

## 4 Information

### 4.1 Records

4.1.1 All records required to be made by this permit shall:

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

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1, A1 to A8 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 annual period, 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, A1 to A8 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 For the following activities referenced in schedule 1, table S1.1, A9 to A12 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 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.

- 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.
- 4.3.9 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
  - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
  - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.
- 4.4.3 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
A1	S5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	Treatment consisting only of shredding and granulation of ferrous and non-ferrous metals for recovery. Waste types suitable for acceptance are limited to those specified in Table S2.1.
A2	5.3 A (1) a) (ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities— (ii) physico-chemical treatment	Mechanical treatment of small mixed WEEE and hazardous waste. R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	Treatment limited to, shredding, granulating, sorting and separating for the purpose of recovery of constituent parts and materials. Waste types suitable for acceptance are limited to those WEEE and hazardous waste specified in Table S2.2. Liquids must be removed prior to mechanical treatment. External batteries (including powerpacks) and internal batteries designed to be accessible by the user must be removed prior to mechanical treatment. There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing.



A3	Section 5.6 A (1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	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>Storage of unprocessed hazardous waste prior to treatment shall be on an impermeable surface with sealed drainage. Waste storage shall not exceed 6 months.</p> <p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.</p> <p>Li-ion batteries shall be stored to prevent them from:</p> <ul style="list-style-type: none"> <li>coming into contact with any liquids</li> <li>being damaged or shorting</li> <li>being exposed to high temperatures</li> </ul> <p>Lead acid batteries shall be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits.</p> <p>Waste types suitable for storage are limited to those hazardous waste specified in Table S2.3.</p>
<b>Directly Associated Activity</b>			
A4	In-feed storage of waste.	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	<p>Storage of non-hazardous waste prior to treatment from receipt of waste to treatment.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.1.</p>
A5	Pre-treatment, physical treatment for the purpose of recycling	R3: Recycling/ reclamation of organic substances which are not used as solvents	<p>From receipt of metal waste to despatch.</p> <p>Treatment consisting only of pre-treatment of ferrous and non-</p>

		R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	ferrous metals in pre-shredder for recovery. Waste types suitable for acceptance are limited to those specified in Table S2.1.
A6	Post-treatment for the purpose of recycling	R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	Further sorting, separation and grading of fragmentised waste following shredder.
A7	Storage of processed materials	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	From storage of processed materials to despatch off site for recovery. Storage of separated ferrous, non-ferrous metals, WEEE, hazardous waste and shredder residue following treatment.
A8	Site drainage discharge.	Site drainage discharge to foul sewer from the treatment and storage areas of the site.	Drainage discharge to foul sewer at point S2 as shown on plan in Schedule 7.
<b>Activity reference</b>	<b>Description of activities for waste operations</b>		<b>Limits of activities</b>
A9 Metal Recycling	<p><b>R13:</b> 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><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p>		<p>Treatment operations shall be limited to treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing, granulation or cutting of non-hazardous waste into different components for recovery.</p> <p>Wastes shall be stored for no longer than 3 years prior to recovery.</p> <p>Buildings, covered areas or containers shall meet the following requirements: buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;</p>

		<p>rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;</p> <p>containers containing waste (excluding uncontaminated metal waste) shall be stored on an impermeable surface with sealed drainage system.</p> <p>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.4.</p>
<p>A10 Vehicle storage, depollution and dismantling (authorised treatment) facility.</p>	<p><b>R13:</b> 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><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p>	<p>Treatment operations shall be limited to treatment consisting only of depollution of waste motor vehicles and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste into different components for recovery of wastes.</p> <p>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.</p> <p>No more than 50 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site.</p> <p>Buildings, covered areas or containers shall meet the following requirements: buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;</p> <p>rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;</p> <p>containers containing waste (excluding uncontaminated metal waste) shall be stored on an impermeable surface with sealed drainage system.</p> <p>Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an</p>

		<p>impermeable surface with sealed drainage system.</p> <p>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.4.</p>
A11 Metals washing	<p><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p>	<p>Waste types suitable for acceptance are limited to those specified in Table S2.4.</p>
A12 Waste electrical and electronic equipment authorised treatment facility.	<p><b>R13:</b> 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><b>R3:</b> Recycling/ reclamation of organic substances which are not used as solvents</p> <p><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p>	<p>Treatment operations shall be limited to:</p> <p>Treatment consisting of manual sorting, manual dismantling, repair or refurbishment only.</p> <p>Except for Small Mixed WEEE (EWC code 20 01 35*) awaiting manual sorting, manual dismantling, repair or refurbishment only, the maximum quantity of hazardous waste (in aggregate) that can be stored at the site shall not exceed 50 tonnes at any one time.</p> <p>Except for manual sorting, manual dismantling, repair and refurbishment of Small Mixed WEEE, no more than 10 tonnes per day of hazardous waste to be treated at the site under an R3, R4, R5 activity.</p> <p>Manual pre -treatment of Small Mixed WEEE shall be carried out with enclosure provided with a weatherproof covering.</p> <p>Buildings, covered areas or containers shall meet the following requirements:</p> <p>buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;</p> <p>rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;</p> <p>containers containing waste shall be stored on an impermeable surface with sealed drainage system.</p>

		Waste types suitable for acceptance are limited to those specified in Table S2.4.
--	--	---

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Sims Group UK Limited Site: Smethwick Rabone Lane Dust Management Plan, Version 2	All parts.	March 2014
Application for EPR/ZP3691ET/V002	All parts, except non-technical summary, Operating Techniques general introduction, reference to permitted S5.6 activity for hazardous waste storage, WEEE treatment and waste types relating to WEEE treatment.	12/09/2014
Stockpile Management and Fire Prevention Protocol V1	All Parts.	August 2015
Response to Schedule 5 Notice dated 14/01/2016	All Parts, including site plan 'Rabone Lane Site Details' (17/02/2016)	18/02/2016
Application EPR/ZP3691ET/V004 - additional information	Email and documents titled 'Shredder Process Description' and 'Smethwick Shredder Process Routing'.	15/05/2018
Application EPR/ZP3691ET/V004 - additional information	Document titled 'Sims Group UK Limited Shredder Site Waste Acceptance Procedure November 2016' that provides information on the site's waste pre-acceptance, acceptance and rejection procedures.	16/05/2018
Application EPR/ZP3691ET/V004 - additional information	Emails that contain information on ELV handling procedure and document referenced 'Sims Group UK Limited_Rabone Lane_Operating Techniques' dated June 2018 that contains information about the site's operating techniques.	01/06/2018
Application EPR/ZP3691ET/005	Document titled "Application Variation Operating techniques".	24/03/2023
Application EPR/ZP3691ET/V005 Request for Additional Information 19/12/2022	Documents titled "220308 L JER9144 FB Rabone Lane Variation" and "Application Variation site Layout 6361-0044-02".	12/01/2023
Application EPR/ZP3691ET/V005 Request for Additional Information 16/02/2023	Document titled "230323 R JER9144 JB Sims Smethwick BAT assessment V2 R1".	24/03/2023
Response to Schedule 5 notice dated 19/05/2023	Email titled "Schedule 5 Request Application ZP3691ET SIMS /V005 - Attachment 1 of 3: Schedule 5 Notice".	27/06/2023
Response to schedule 5 Notice dated 05/07/2023 EPR/ZP3691ET/V005	Documents titled "Sims Smethwick Shredder Process Route_OT Appendix 3 _April 2022" and "Sims Smethwick Process Description_OT Appendix 4 _April 22".	12/07/2023

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

- Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and paste, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
- Electrolyte capacitors containing “substances of concern” (height > 25mm, diameter > 25mm or proportionately similar volume)

**Table S1.4 Improvement Programme requirements**

Reference	Requirement	Date
IC1	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval.</p> <p>The report must contain:</p> <ul style="list-style-type: none"> <li>• details of the programme to review and install covers on the trommel, drum magnet and conveyors that transport lighter fractions.</li> <li>• a review of the effectiveness of the above programme once completed, by monitoring particulate/dust as specified in the permit.</li> <li>• proposals for further measures to be undertaken to reduce particulate emissions at the facility (if necessary) and dates for implementation</li> </ul> <p>The operator must implement the proposals in the report in line with the timescales agreed with the Environment Agency.</p>	31/05/2024

**Table S1.5 Standards for the treatment of WEEE**

Treatment of small mixed WEEE	The mechanical treatment of small mixed WEEE must be provided with effective dust extraction and abatement to minimise release of dust.
-------------------------------	---

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

<b>Table S2.1 Permitted waste types and quantities for storage and treatment under activities A1, A4 and A5 of Table S1.1.</b>	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for activities A1 to A5 shall be less than 374,999 tonnes in a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>02</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>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
<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>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 waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components
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
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15

<b>Table S2.1 Permitted waste types and quantities for storage and treatment under activities A1, A4 and A5 of Table S1.1.</b>	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for activities A1 to A5 shall be less than 374,999 tonnes in a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<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 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 02	ferrous materials removed from bottom ash
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
<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
19 12 03	non-ferrous metal
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11



**Table S2.1 Permitted waste types and quantities for storage and treatment under activities A1, A4 and A5 of Table S1.1.**

**Maximum Quantities**

The total quantity of waste accepted at the site for activities A1 to A5 shall be less than 374,999 tonnes in a year.

**Exclusions**

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Wastes that are in a form which is either sludge or liquid

Waste Code	Description
<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 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 40	metals - household/local authority

<b>Table S2.2 Permitted waste types and quantities for treatment under activity A2 of Table S1.1.</b>	
<b>Maximum Quantities</b> The total quantity of waste accepted at the site for activities A1 to A5 shall be less than 374,999 tonnes in a year.	
<b>Exclusions</b> Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres Wastes that are in a form which is either sludge or liquid	
<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 15*	Hazardous components removed from discarded equipment
<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 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 04*	premixed wastes composed of at least one hazardous waste
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 03*	Fluff-light fraction and dust containing dangerous substances
19 10 05*	Other fractions containing dangerous substances
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
<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 35*	Pre-treated hazardous WEEE

<b>Table S2.3 Permitted waste types and quantities for storage and treatment under activity A3 of Table S1.1.</b>	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for activities A1 to A5 shall be less than 374,999 tonnes in a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>	
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 15*	Hazardous components removed from discarded equipment
<b>16 06</b>	<b>Batteries and accumulators</b>
16 06 01*	lead batteries
<b>19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>	
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 04*	premixed wastes composed of at least one hazardous waste
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 03*	Fluff-light fraction and dust containing dangerous substances
19 10 05*	Other fractions containing dangerous substances
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
<b>20 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
20 01 35*	Pre-treated hazardous WEEE

<b>Table S2.4 Permitted Waste types and quantities for Waste Operations Activities A9 to A12</b>	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for activities A9 to A12 shall be less than 74,999 tonnes in a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>02</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>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
<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>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 waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 04*	end-of-life vehicles
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components
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	non-hazardous WEEE
16 02 16	non-hazardous components removed from WEEE
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 01*	Lead batteries
16 06 04	alkaline batteries
16 06 05	other batteries and accumulators

<b>Table S2.4 Permitted Waste types and quantities for Waste Operations Activities A9 to A12</b>	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for activities A9 to A12 shall be less than 74,999 tonnes in a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<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 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 02	ferrous materials removed from bottom ash
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
<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
19 12 03	non-ferrous metal
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>

**Table S2.4 Permitted Waste types and quantities for Waste Operations Activities A9 to A12**

**Maximum Quantities**

The total quantity of waste accepted at the site for activities A9 to A12 shall be less than 74,999 tonnes in a year.

**Exclusions**

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Wastes that are in a form which is either sludge or liquid

<b>Waste Code</b>	<b>Description</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
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 40	metals - household/local authority

## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency <sup>(2)</sup>	Monitoring standard or method
Exhaust stack 1 (A1 on plan in Schedule 7)	Dust	Extraction and abatement System	5 mg/m <sup>3</sup>	Average over sample period <sup>(1)</sup>	Once every six months	BS EN 13284-1.
Exhaust stack 2 (A2 on plan in Schedule 7)	Dust		10 mg/m <sup>3</sup>			
Exhaust stack A1 and A2 (A1 and A2 on plan in Schedule 7)	Total VOCs	Metal shredder air extraction and abatement system	-	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 12619
Exhaust stack A1 and A2 (A1 and A2 on plan in Schedule 7)	Brominated flame retardants	Metal shredder air extraction and abatement system	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	
	Dioxin-like polychlorinated biphenyls (PCBs)	Metal shredder air extraction and abatement system	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 1948-1, 2, 4.
	Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Ti, V) (Drafting Note 2)	Metal shredder air extraction and abatement system	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
	Dioxins and furans (PCDD/F) (Drafting Note 2)	Metal shredder air extraction and abatement system	-		Annually	EN 1948-1, 2, 3
<p>1. Average value of three consecutive measurements of at least 30 minutes each.</p> <p>2. Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.</p>						

**Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period (Note 1)</b>	<b>Monitoring frequency (Note 2)</b>	<b>Monitoring standard or method</b>	
Discharge at points S2 on plan in Schedule 7	Process water and site surface water drainage	Hydrocarbon oil index (HOI)	10 mg/l	Instantaneous (spot sample)	Monthly or prior to discharge	EN ISO 9377-2	
		Arsenic (expressed as As)	0.05 mg/l			Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)	
		Cadmium (expressed as Cd)	0.05 mg/l				
		Chromium (expressed as Cr)	0.15 mg/l				
		Copper (expressed as Cu)	0.5 mg/l				
		Lead (expressed as Pb) (Note 3)	0.1 mg/l				
		Nickel (expressed as Ni)	0.5 mg/l				
		Mercury (expressed as Hg)	5 µg/l				Various EN standards available (i.e. EN ISO 17852, EN ISO 12846)
		Zinc (expressed as Zn) (Note 3)	1 mg/l				

Note 1 - Relevant reference period:

- In the case of continuous discharge, daily average values, i.e., 24-hour flow-proportional composite samples.
- In the case of batch discharge, average values over the release duration taken as flow-proportional composite samples, or, provided that the effluent is appropriately mixed and homogeneous, a spot sample taken before discharge.

Note 2 – Monitoring frequencies may be reduced by written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.

Note 3 - Limits apply above unless agreed otherwise by the Environment Agency



<b>Table S3.3 Ambient monitoring requirements</b>				
<b>Location or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
At a location or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on particulate emissions from the waste management operations.	Total suspended particulates (TSP) unless otherwise agreed in writing with the Environment Agency.	Quarterly unless otherwise agreed in writing with the Environment Agency.	The equipment shall be operated to a procedure agreed in writing with the Environment Agency. The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce particulate emissions from the facility.	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency. The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first. The system must be managed and maintained by suitably trained personnel. The system must obtain representative data that must accurately reflect TSP levels produced by the site's activities.

## Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Air monitoring Parameters as required by condition 3.5.1	A1 and A2	Every 12 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S2	Every 12 months	1 January

Parameter	Units
WEEE processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions recovered	tonnes
Non-metallic shredder residue	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Total raw material used	Annually	tonne

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	29/06/16
Point source emissions to sewer	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Form Ambient 1 or other form as agreed in writing by the Environment Agency	29/06/16
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	29/06/16
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	29/06/16
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	29/06/16
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	

<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 breach of permit conditions not related to limits</b>	
<b>To be notified within 24 hours of detection</b>	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

<b>(d) 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.	

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.

“Appropriate measures” means Waste electrical and electronic equipment (WEEE); appropriate measures for permitted facilities.

“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.

“Contained environment” Means an environment where there is atmospheric containment. This includes areas where air egress may only be facilitated through air extraction and blowing agent capture systems

“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.

“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 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.

“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 waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

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

“pests” means Birds, Vermin and Insects.

“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.

“Reference 1” means the International Atomic Energy Agency recommendations in Annex IV of ‘Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal’, UNECE, 2006.

“Residual materials” means both materials and wastes resulting from the specified operations.

“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:

1. no liquids will run off the surface otherwise than via the system
2. 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.

“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.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

Where the following terms appear in the waste code list in Tables S2.1 to 2.3 they have the meaning given below.

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

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

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

Article 2(a) says that ‘PCBs’ means:

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

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

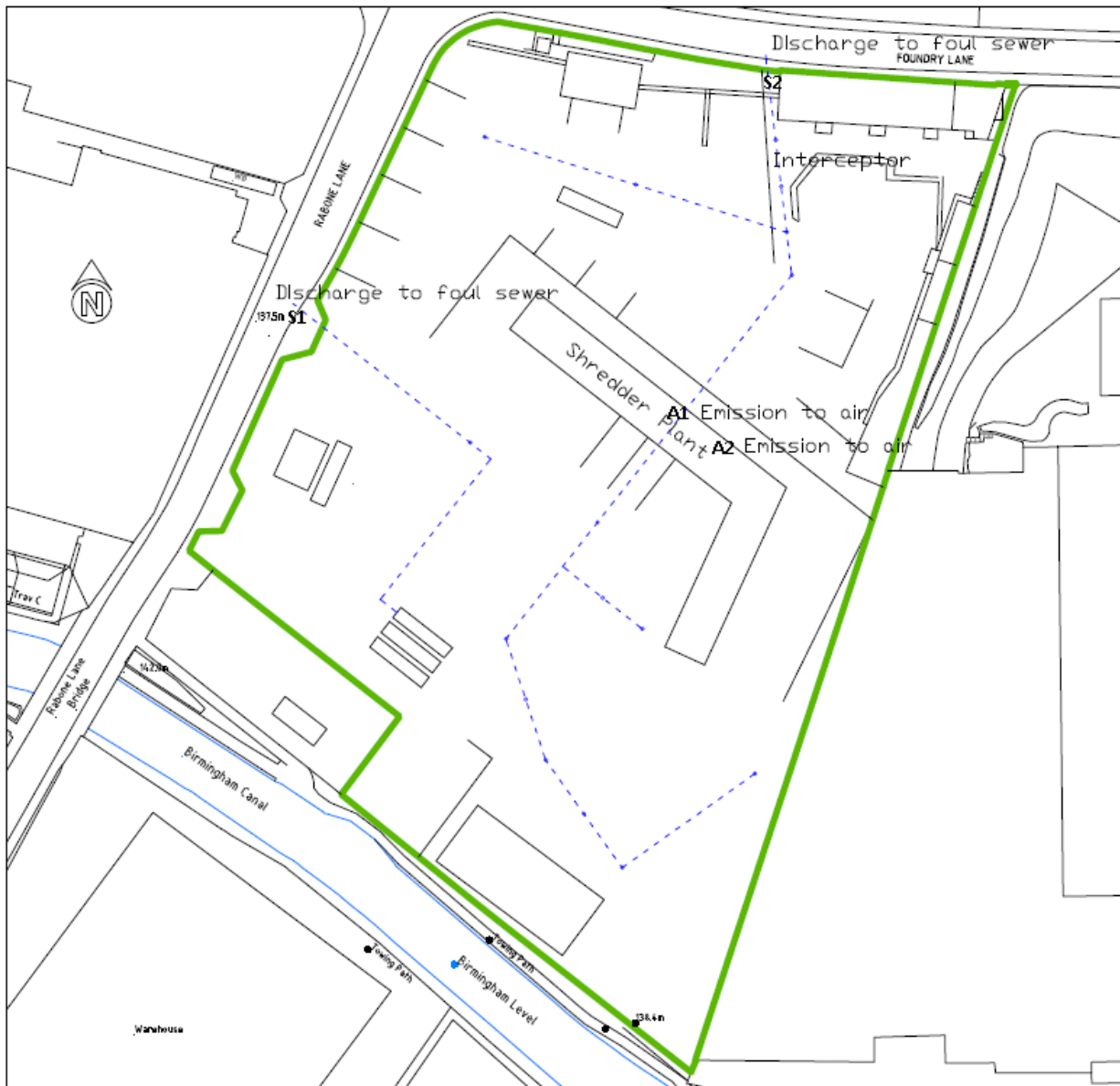
“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“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.

“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



END OF PERMIT

**Permit Number:           EPR/ZP3691ET                   Operator:                   Sims Group UK Ltd**

**Facility:                   Rabone Lane                   Form Number:           Air1 / 29/06/16**

**Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY**

<b>Emission Point</b>	<b>Substance / Parameter</b>	<b>Emission Limit Value</b>	<b>Reference Period</b>	<b>Result [1]</b>	<b>Test Method [2]</b>	<b>Sample Date and Times [3]</b>	<b>Uncertainty [4]</b>
A1 and A2 Shredder	Total suspended particulates	20 mg/m <sup>3</sup> or other level agreed in writing with the Environment Agency	Hourly average		As agreed with the Environment Agency		

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the ‘minimum – maximum’ measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/ZP3691ET**

**Operator:                   Sims Group UK Ltd**

**Facility:                   Rabone Lane**

**Form Number:           WaterUsage1 / 29/06/16**

**Reporting of Water Usage for the year**

<b>Water Source</b>	<b>Usage (m<sup>3</sup>/year)</b>	<b>Specific Usage (m<sup>3</sup>/unit output)</b>
Mains water		
Site borehole		
<b>TOTAL WATER USAGE</b>		

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number:       EPR/ZP3691ET**

**Operator:               Sims Group UK Ltd**

**Facility:               Rabone Lane**

**Form Number:        Energy1 / 29/06/16**

**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		
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/ZP3691ET**

**Operator:             Sims Group UK Ltd**

**Facility:             Rabone Lane**

**Form Number:        Performance1 / 29/06/16**

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

<b>Parameter</b>	<b>Units</b>
WEEE processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions recovered	tonnes
Non-metallic shredder residue	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/ZP3691ET**

**Operator:**

**Sims Group UK Ltd**

**Facility:                   Rabone Lane**

**Form Number:**

**Ambient monitoring1 /  
29/06/16**

**Reporting of ambient monitoring for the period from DD/MM/YYYY to DD/MM/YYYY**

<b>Emission Point</b>	<b>Parameter</b>	<b>Result [1]</b>	<b>Test Method [2]</b>	<b>Sample Date and Times [3]</b>	<b>Uncertainty [4]</b>
At a location or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on particulate emissions from the waste management operations.	Total suspended particulates (TSP) unless otherwise agreed in writing with the Environment Agency.				

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

Date.....

(Authorised to sign as representative of Operator

## Emissions to Sewer Reporting Form

**Permit number:** ZP3691ET

**Operator:** Sims Group UK Ltd

**Facility name:** Rabone Lane Sims Group Limited Smethwick

**Emissions to Sewer Reporting Form: version 1, 08/03/2021**

Reporting of emissions to sewer for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

<b>Emission point</b>	<b>Substance / parameter</b>	<b>Emission Limit Value</b>	<b>Reference period</b>	<b>Test method <sup>1</sup></b>	<b>Result <sup>2</sup></b>	<b>Sample dates and times <sup>3</sup></b>	<b>Uncertainty <sup>4</sup></b>
<i>[e.g. S1]</i>	<i>[e.g. Total suspended solids]</i>	<i>[e.g. 30 mg/l]</i>	<i>[e.g. For 95% of all measured values of periodic samples taken over one month]</i>	<i>[e.g. BS EN 872:2005]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[State uncertainty if not 95% confidence interval]</i>

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method <sup>1</sup>	Result <sup>2</sup>	Sample dates and times <sup>3</sup>	Uncertainty <sup>4</sup>

Signed: *[Name]* Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

---

**Guidance for use:** Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

<sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

<sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.

<sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.

<sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.