

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Sims Group UK Limited

Land at Boulder Bridge Lane Carlton Barnsley South Yorkshire S71 3HJ

Variation application number

EPR/FB3903MA/V003

Permit number

EPR/FB3903MA

Land at Boulder Bridge Lane Permit number EPR/FB3903MA

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.

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

The site is located on land at Boulder Bridge off Shaw Lane, Carlton, Barnsley at NGR SE3760410515. The Boulder Bridge Dyke is approximately 24 m to the south-east of the site which joins Shaw Dyke further to the south Carlton Marsh Local Nature Reserve lies 120 m to the south-east of the site.

The principle activities at the site will be the processing of cable, non-ferrous metal and ferrous metal scrap for supply as feedstock to the steel making industry in the UK and abroad.

The site is permitted to store and treat ferrous and non-ferrous metals, End of Life Vehicles (ELVs) including hazardous components. The site is permitted to accept 90,000 tonnes of waste per annum.

The facility comprises of the following installation activities:

Section 5.4 A(1) (b) (iv) – Recovery of non-hazardous waste with a capacity of more than 75 tonnes per day involving treatment in shredders of metal waste.

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

Section 5.6 - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

And comprises the following directly associated activities:

- Storage of non-hazardous waste pending treatment.
- Storage of non- hazardous waste post treatment.
- Storage of Raw Materials.
- Surface Water Management

The facility also includes a waste operation not technically connected to the shredder / granulator which has been included in the permit as waste operation. Waste operation includes depolluted dismantling of end-of-life vehicles (ELVs), other WEEE recycling operations, metal recycling operations, and non-hazardous waste treatment and storage.

The installation activity will give rise to particulates from granulation. This emission is limited to 10 mg/m^3 of total particulates that is including PM₁₀ and PM_{2.5}. The emissions to air (A1) will be abated via a cyclone and bag filtration system to capture particulates. The facility also has a point discharge to Shaw Dyke (W1) for site surface water. Monitoring is required to ensure no deterioration of water quality of Shaw Dyke.

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

Status log of the permit				
Description	Date	Comments		
Permit issued EPR/XP3592ZM (EAWML 65278)	24/02/2004	Permit issued to Firth Properties and Investments Limited.		
Variation application refused EPR/XP3592ZM	11/02/2013	Application to vary bespoke permit to a standard rules permit refused.		
Transfer permit determined EPR/CB3408CU (Full transfer of permit EPR/XP3592ZM)	18/06/2015	Full transfer of permit from Firth Properties and Investments Limited to William Firth and Son Limited.		
Variation application EPR/CB3408CU/V002	Duly made 20/10/2015	Application to vary the permit by adding 14 EWC codes.		
Variation determined EPR/CB3408CU	16/12/2015	Varied permit issued.		
Application EPR/FB3903MA/T001 (full transfer of permit EPR/CB3408CU)	Duly made 30/01/2018	Application to transfer the permit in full to Sims Group UK Limited.		
Transfer and Environment Agency variation determined EPR/FB3903MA	09/02/2018	Full transfer and Environment Agency initiated variation of permit complete.		
Application EPR/FB3903MA/V003 (variation and consolidation)	Duly made 06/10/2020	Application to vary and update the permit to IED conditions.		
Schedule 5 response received	09/03/2021	Sims Barnsley Emergency Contingency and Accident Management Plan Mar 2021		
		Noise Assessment entitled Sims Barnsley Noise Assessment 11320e_Rev2_20210309		
		Sims Barnsley Noise Management Plan Rev 1 20210309 (NMP)		
		Sims Barnsley Operating Techniques March 2021		
	04/5/2021	Protocol for Monitoring Point Source Emissions to Water April 2021 V1		
Variation determined EPR/FB3903MA	20/07/2021	Varied and consolidated permit issued in modern condition format.		

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/FB3903MA

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 a regulated facility at

Land at Boulder Bridge Lane Carlton Barnsley South Yorkshire S71 3HJ

to the extent set out in the schedules.

The notice shall take effect from 20/07/2021

Name	Date
J Linton	20/07/2021

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FB3903MA

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/FB3903MA/V003** 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 an installation at

Land at Boulder Bridge Lane Carlton Barnsley South Yorkshire S71 3HJ

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

Name	Date
J Linton	20/07/2021

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 AR10). 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 AR10). 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 AR10). 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 to S1.4, 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 S1.4 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 surfaces with sealed drainage, unless otherwise specified in Table S1.1 or agreed in writing with the Environment Agency.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3; S2.4 and S2.5.
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
 - (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous properties associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Hazardous waste storage and treatment

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

2.5 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 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.6.2 WEEE (disassembled spare parts, components and residues) shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.
- 2.6.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRT).
- 2.6.4 All fluids contained within any WEEE shall be removed prior to further treatment.
- 2.6.5 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE.
- 2.6.6 Separately collected components of WEEE specified in table S1.4 shall be treated in accordance with the methods specified in that table.
- 2.6.7 Any liquids including those in disassembled spare parts, batteries, capacitors containing PCBs/PCTs and any other hazardous waste shall be stored in suitable sealed and labelled containers.
- 2.6.8 Equipment shall be provided and used to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

2.7 Improvement programme

- 2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.5 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.

3.2 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.

3.5 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 table S3.1;
 - (b) surface water or groundwater specified in table 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.

- 3.5.3 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 and S3.2 unless otherwise agreed in writing by the Environment Agency.
- 3.5.5 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.

3.6 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.

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 A10, 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 year, 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 year.

4.3 Notifications

- 4.3.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR10, in the event:
 - (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately-
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 For the following activities referenced in schedule 1, table S1.1 AR11, 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.

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.
- 4.3.9 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" or "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	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 waste containing ferrous and non- ferrous metals for recovery. Waste types suitable for acceptance for shredding and granulating are limited to the wastes specified in Table S2.2	
AR2	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 the granulation of waste containing ferrous and non- ferrous metals for recovery. Waste types suitable for acceptance for shredding and granulating are limited to the non-hazardous wastes specified in Table S2.3	
AR3	S5.3 A(1) (a) (ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico- chemical treatment	R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	Mechanical treatment of hazardous waste consisting of sorting, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation or cutting for the purpose of recovery of constituent parts and materials. Treatment shall be carried out within a building provided with weatherproof covering. Waste types suitable for acceptance are limited to those specified in Table S2.4.	

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
AR4	Section 5.6 A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3	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)	Storage capacity of hazardous waste shall not exceed 400 tonnes of POPs hazardous material and 1000 tonnes of other hazardous material. Waste types suitable for acceptance are limited to those specified in Table S2.4.
	Directly Associated Activity	y	
AR5 (DAA to AR2)	Upstream separation of waste cable prior to granulation (Superchopper and Multipurpose Rasper).	R3: Recycling/reclamation of organic substances which are not used as solvents	From receipt of metal cable waste to despatch for treatment in shredder. Storage of non-hazardous
		R4: Recycling/reclamation of metals and metal compounds	waste prior to treatment from receipt of waste to treatment.
		R5: Recycling/reclamation of other inorganic compounds	Waste types suitable for acceptance are limited to those specified in Table S2.3.
		R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	
AR6 (DAA to AR1 & AR2)	Post treatment following granulation / grinding:	R3: Recycling/reclamation of organic substances which are not used as solvents	Further separation of fragmentised waste following granulation/grinding
		R4: Recycling/reclamation of metals and metal compounds	
		R5: Recycling/reclamation of other inorganic compounds	
AR7 (DAA to AR1)	In feed storage and immediate output to/from	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)	From storage of processed materials to despatch off site for recovery. Storage of separated ferrous, non-ferrous metals, and shredder residue following treatment.

Activity	Activity listed in Schedule	Description of		Limits of specified
reference	1 of the EP Regulations	activity and V and II operat		activity and waste types
AR8 (DAA to AR3)	waste cable prior to granulation (Superchopperof organic su which are no			From receipt of metal cable waste to despatch for treatment in shredder.
	and Multipurpose Rasper).	solvents R4: Recycling/reclamation of metals and metal compounds		Storage of hazardous waste prior to treatment from receipt of waste to treatment.
		R5: Recycling of other inorga compounds		Waste types suitable for acceptance are limited to those specified in Table S2.4.
		R13: Storage pending the o numbered R1 (excluding ten storage, pend on the site wh produced)	perations to R12 nporary ing collection,	
AR9	Raw materials storage	Storage of raw materials including diesel.		From the receipt of raw materials to despatch for use within the facility
AR10	Site surface water drainage discharge.	Discharge of surface water from storage and treatment areas.		Drainage discharge at point W1 as shown on plan in Schedule 7.
Activity reference	Description of activities for operations	waste	Limits of activities	
AR11	operations numbered R1 to F	3 : Storage of waste pending any of the erations numbered R1 to R12 (excluding porary storage, pending collection, on		erations shall be limited to: ap, separation, grading, eening, baling, compacting, hot cutting
	R4: Recycling/ reclamation of metal compounds	f metals and	Except for waste motor vehicles and/or waste electrical and electronic equipmen	
	 R5: Recycling/ reclamation of other inorganic compounds R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological 		stored pending manual dismantling, repa or refurbishment, the maximum quantity hazardous waste (in aggregate) that can be stored at the site shall not exceed 50 tonnes at any one time.	
transformation processes)		- 0	permit wastes	y other requirements of this shall be stored for no longer rior to disposal and 3 years ery.
			and non- ferror depolluted wa from the treat shall be store	ted plastic, glass and ferrous bus metal wastes (including aste motor vehicles) arising ment of end-of-life vehicles d on hard standing or an surface with sealed drainage

Table S1.1 activities				
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of activity and W and II operation	VFD Annex I	Limits of specified activity and waste types
				uitable for acceptance are e specified in Table S2.5.

Table S1.2 Operating techniques			
Description	Parts	Date Received	
Environment, Fugitive Emissions & Accidents Risk Assessment and Management Plan	All parts	10/01/2020	
BEST AVAILABLE TECHNIQUES REPORT	All parts	10/01/2020	
Fire Prevention Plan_V2_R2	All parts	24/01/2020	
Sims Barnsley Emergency Contingency and Accident Management Plan Mar 2021	All parts	09/03/2021	
Noise Assessment entitled Sims Barnsley Noise Assessment 11320e_Rev2_20210309	To be revised see IC	09/03/2021	
Sims Barnsley Noise Management Plan Rev 1 20210309 (NMP)	Complaints procedure	09/03/2021	
Sims Barnsley Operating Techniques March 2021	All parts	09/03/2021	
Sims Group UK Limited Environment Risk Assessment_Barnsley_EPRFB3903MA_March 2021 rev 3	All parts	09/03/2021	
Protocol for Monitoring Point Source Emissions to Water April 2021 V1	All parts	04/05/2021	

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

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

- 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 Specified Treatment Methods for separately collected components of WEEE			
Component Specified Treatment			
Cathode ray tubes The fluorescent coating shall be removed			
Gas discharge lamps	The mercury shall be removed		
Equipment containing gases that are ozone depleting or have a global warming potential (GWP) above 15 such as those contained in foams and refrigeration circuits	The gases must be properly extracted and properly treated. Ozone depleting gases must be treated in accordance with Regulation (EC) No 1005/2009.		

Table S1.5 Improvement programme requirements				
Reference	Requirement	Date		
IC1	 The operator shall submit a written report to the Environment Agency for approval that includes: (a) A review of the surface water monitoring results at point W1 with an assessment of the impact of the emissions of surface water from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency); and 	Within 14 months of issue of Variation EPR/FB3903MA/V003		
	 (b) proposals for appropriate measures to mitigate the impact of any emissions where the assessment determines they have the potential to be significant, including dates for implementation of individual measures. The operator shall implement the measures in (b) as approved, and 			
	from the dates stipulated by the Environment Agency.			
IC2	The operator shall submit a written plan to the Environment Agency for approval that includes:	Within 3 months of issue of Variation		
	 (a) proposals to undertake representative monitoring of the air discharged from point A1 including the parameters to be monitored, frequencies of monitoring and methods to be used; 	EPR/FB3903MA/V003		
	(b) confirmation that a written report will be submitted to the Environment Agency for approval that includes:			

	.5 Improvement programme requirements		
Reference	i) the results of an assessment of the impact of the emission to air from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in (a) above; and	Date	
	 proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and 		
	 details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant. 		
	The operator shall carry out the monitoring in accordance with the Environment Agency's written approval.		
IC3	The Operator shall submit a written proposal to the Environment Agency to carry out tests to determine the size distribution of the particulate matter in the exhaust gas emissions to air from emission point A1 identifying the fractions within the PM ₁₀ , and PM _{2.5} ranges. The proposal shall include a timetable for approval by the Environment Agency to carry out such tests and produce a report on the results.	Within 3 months of issue of Variation EPR/FB3903MA/V003	
	On receipt of written agreement by the Environment Agency to the proposal and the timetable, the Operator shall carry out the tests and submit to the Environment Agency a report on the results.		
IC4	The operator shall submit a revised written noise management plan to the Environment Agency for approval. The notification requirements of condition 2.7.2 will be deemed to have been complied with on submission and approval of the plan. You must implement the plan as approved, and from the date stipulated by the Environment Agency.	Within 2 months of issue of Variation EPR/FB3903MA/V003	

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels			
Raw materials and fuel description Specification			
diesel and oil for use in mobile plant	-		

Table S2.2 Permitted Waste types and quantities for shredding of metal wastes using grinding plant (AR1)

Maximum Qua The quantity o	ntities f these wastes accepted at the site shall be less than 90,000 tonnes a year.				
Exclusions	Wastes having any of the following characteristics shall not be accepted:				
	Consisting solely or mainly of, powders or loose fibres Wastes that are in a form which is either sludge or liquid				
Waste Code	Description				
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE				
19 10	wastes from shredding of metal-containing wastes				
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				
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified				
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				
20 01	separately collected fractions (except 15 01)				
20 01 40	metals				

Table S2.3 Permitted Waste types and quantities for Granulation of metal wastes (Activity AR2) Maximum Quantities The quantity of these wastes accepted at the site shall be less than 90,000 tonnes a year.

Exclusions	Wastes having any of the following characteristics shall not be accepted:
	Consisting solely or mainly of, powders or loose fibres
	Wastes that are in a form which is either sludge or liquid

TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FU HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE17 04metals (including their alloys)17 04 11cables other than those mentioned in 17 04 1019WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE W TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FU HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE19 10wastes from shredding of metal-containing wastes19 10.01iron and steel waste19 10.02non-ferrous wastes19 10.04fluff-light fraction and dust other than those mentioned in 19 10 0319 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12.03non-ferrous metal	aximum Quar ne quantity of	ntities these wastes accepted at the site shall be less than 90,000 tonnes a year.					
TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FU HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE17 04metals (including their alloys)17 04 11cables other than those mentioned in 17 04 1019WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WASTE WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WASTE MUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE19 10wastes from shredding of metal-containing wastes19 10 01iron and steel waste19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 12 02wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 03non-ferrous metal	Vaste Code	Description					
17 04 11cables other than those mentioned in 17 04 1019WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE W TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FU HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE19 10wastes from shredding of metal-containing wastes19 10 01iron and steel waste19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 10 06other fractions other than those mentioned in 19 10 0519 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 02ferrous metal19 12 03non-ferrous metal	7	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					
19WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WASTE WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WASTE WASTE WASTE WASTE NUMAN CONSUMPTION AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE19 10wastes from shredding of metal-containing wastes19 10iron and steel waste19 10 01iron and steel waste19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 10 06other fractions other than those mentioned in 19 10 0519 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 02ferrous metal19 12 03non-ferrous metal	7 04	metals (including their alloys)					
TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE19 10wastes from shredding of metal-containing wastes19 10 01iron and steel waste19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 10 06other fractions other than those mentioned in 19 10 0519 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 02ferrous metal19 12 03non-ferrous metal	7 04 11	cables other than those mentioned in 17 04 10					
19 10 01iron and steel waste19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 10 06other fractions other than those mentioned in 19 10 0519 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 02ferrous metal19 12 03non-ferrous metal	9	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE					
19 10 02non-ferrous wastes19 10 04fluff-light fraction and dust other than those mentioned in 19 10 0319 10 06other fractions other than those mentioned in 19 10 0519 12wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified19 12 02ferrous metal19 12 03non-ferrous metal	9 10	wastes from shredding of metal-containing 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 19 12 wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified 19 12 02 ferrous metal 19 12 03 non-ferrous metal	9 10 01	iron and steel waste					
19 10 06 other fractions other than those mentioned in 19 10 05 19 12 wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified 19 12 02 ferrous metal 19 12 03 non-ferrous metal	9 10 02	non-ferrous wastes					
19 12 wastes from the mechanical treatment of waste (for example sorting, crust compacting, pelletising) not otherwise specified 19 12 02 ferrous metal 19 12 03 non-ferrous metal	9 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03					
compacting, pelletising) not otherwise specified 19 12 02 ferrous metal 19 12 03 non-ferrous metal	9 10 06	other fractions other than those mentioned in 19 10 05					
19 12 03 non-ferrous metal	9 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified					
	9 12 02	ferrous metal					
19 12 04 plastic and rubber	9 12 03	non-ferrous metal					
	9 12 04	plastic and rubber					
other wastes (including mixtures of materials) from mechanical treatment of wa19 12 12other than those mentioned in 19 12 11	9 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11					

Table S2.4 Permitte	ed Waste types and quantities for Hazardous Waste Treatment, Activity AR3				
Maximum Quantitie	s				
	at any one time shall not exceed 200 tonnes of 16 02 15*, 400 tonnes of POPs and 1000 tonnes of other hazardous material.				
Exclusions	Wastes having any of the following characteristics shall not be accepted:				
	Consisting solely or mainly of dusts, powders or loose fibres				
Waste Code	Description				
16 02	wastes from electrical and electronic equipment				
16 02 15*	hazardous components removed from discarded equipment				
17 04 10*	Cables containing oil, coal tar and other hazardous substances				
19 02 04*	Premixed wastes composed of at least one hazardous waste				
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances				

Table S2.5 Pe	ermitted Waste types and quantities for Waste Activities, Activity AR11				
Maximum Qu	antities				
The total quan	tity of waste accepted at the site shall be less than 90,000 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				
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING				
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing				
02 01 10	waste metal				
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS				
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics				
12 01 01	ferrous metal filings and turnings				
12 01 02	ferrous metal dust and particles				
12 01 03	non-ferrous metal filings and turnings				
12 01 04	non-ferrous metal dust and particles				
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED				
15 01	packaging (including separately collected municipal packaging waste)				
15 01 04	metallic packaging				
15 01 06	mixed packaging				
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST				
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)				
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components				
16 01 17	ferrous metal - Maximum of 1000 tonnes to be stored at any one time.				
16 01 18	non-ferrous metal				
16 01 19	plastic				
16 01 22	components not otherwise specified				
16 02	discarded equipment and its components				
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)				
16 02 15*	hazardous components removed from discarded equipment				

Table S2.5 Pe	rmitted Waste types and quantities for Waste Activities, Activity AR11			
Maximum Qua				
	tity of waste accepted at the site shall be less than 90,000 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			
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (ferrous and non-ferrous metal waste only)			
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)			
17 04	metals (including their alloys)			
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			
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE			
19 01	wastes from incineration or pyrolysis of waste			
19 01 02	ferrous materials removed from bottom ash			
19 10	wastes from shredding of metal-containing wastes			
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			
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified			
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			
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS			

Table S2.5 Per	Table S2.5 Permitted Waste types and quantities for Waste Activities, Activity AR11					
Maximum Qua The total quant	intities ity of waste accepted at the site shall be less than 90,000 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					
20 01	separately collected fractions (except 15 01)					
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					

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	Monitoring standard or method
A1 Emissions control system exhaust (granulator)	Total suspended particulates	Extraction System	10 mg/m ³ or other level agreed in writing with the Environment Agency	Hourly average	Quarterly or other frequency agreed in writing with the Environment Agency	In accordance with BS EN 13284-1or as agreed in writing with the Environment Agency.

Table S3.2 Surface water monitoring requirements							
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method	
W1 on site	Site surface	тос			Quarterly or	EN1484.	
plan in schedule 7 to Shaw Dyke	water drainage generated by rainfall	Hydrocarbon Oil Index (HOI)/ Extractable Petroleum Hydrocarbons (EPH)			other frequency agreed in writing with the Environment Agency		
		COD					
		Total Suspended Solids (TSS)				EN 872	

Table S3.2 S	Table S3.2 Surface water monitoring requirements					
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
		Chromium (Cr)				BS EN ISO 17294-1 BS EN ISO
		Copper (Cu)				11885
		Nickel (Ni)				
		Lead (Pb)				
		Zinc (Zn)				
		Cadmium (Cd)				BS EN ISO 17294
						BS EN ISO 5961
		Oil and grease	None visible	Instantaneous	Daily	Visual inspection

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data						
Parameter	Emission or monitoring point/reference	Reporting period	Period begins			
Emissions to Air Parameters as required by condition 3.5.1	A1	Quarterly or as agreed in writing by the Environment Agency.	1 January, 1 April, 1 July, 1 October			
Surface water monitoring Parameters as required by condition 3.5.1	W1	Quarterly or as agreed in writing by the Environment Agency.	1 January, 1 April, 1 July, 1 October			

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

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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Surface water and/or groundwater monitoring	Surface Water and/or Groundwater Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Ambient Air Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Waste returns	E-waste returns	

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

(c) Notification requirements for the breach of permit conditions not related to limits		
To be notified within 24 hours of detection		
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.		

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

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

"Batteries Directive" means Directive 2006/66/EC of the European Parliament and of the Council on batteries and accumulators and repealing Directive 91/157/EEC", as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

"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 speciallydesigned hydraulic flattener.

"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 the Waste Framework Directive.

"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

"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.

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

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"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:

- 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.

"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.

'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 (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

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

"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.

When the following terms appear in the waste code list in Schedule 2, tables S2.3 to 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

- 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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END OF PERMIT

Emissions to Air Reporting Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Emissions to Air Reporting Form: version 1, 08/03/2021

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

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. A1]	[e.g. Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)]	[e.g. 200 mg/m³]	[e.g. daily average]	[e.g. BS EN 14181]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

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.

¹ 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.

² 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.

³ 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.

Emissions to Water Reporting Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Emissions to Water Reporting Form: version 1, 08/03/2021

Reporting of emissions to water (other than to sewer) for the period from [DD/MM/YY] to [DD/MM/YY]

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. W1]	[e.g. Total suspended solids]	[e.g. 30 mg/l]	[e.g. For 95% of all measured values of periodic samples taken over one month]	[e.g. BS EN 872:2005]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

(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.

¹ 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.

² 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.

³ 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.

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

Date: [DD/MM/YY]

Emissions to Sewer Reporting Form

Permit number: [EPR/AB1234CB]

Facility name:[Unit A, Anytown]

Operator: [A Company Name Limited]

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]

Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. Total suspended solids]	[e.g. 30 mg/l]	[e.g. For 95% of all measured values of periodic samples taken over one month]	[e.g. BS EN 872:2005]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]
	parameter [e.g. Total suspended	parameterLimit Value[e.g. Total suspended[e.g. 30 mg/l]	parameterLimit Value[e.g. Total suspended solids][e.g. 30 mg/l] [e.g. 70 mg/l][e.g. Total periodic samples taken	parameterLimit Valuemethod 1[e.g. Total suspended solids][e.g. 30 mg/l][e.g. For 95% of all measured values of periodic samples taken[e.g. BS EN 872:2005]	parameterLimit Valuemethod 1[e.g. Total suspended solids][e.g. 30 mg/l][e.g. For 95% of all measured values of periodic samples taken[e.g. BS EN 872:2005][State result]	parameterLimit Valuemethod 1and times 3[e.g. Total suspended solids][e.g. 30 mg/l][e.g. For 95% of all measured values of

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

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.

¹ 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.

² 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.

³ 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.

Surface Water and/or Groundwater Monitoring Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown] Surface Water and/or Groundwater Monitoring Form: version 1, 08/03/2021

Reporting of surface water and/or groundwater monitoring for the period from [DD/MM/YY] to [DD/MM/YY]

Monitoring point	Substance / parameter	Trigger level	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. GW1]	[e.g. pH]	[e.g. >5 and <9 pH units]	[e.g. instantaneous]	[e.g. BS ISO 5667- 11:200]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

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.

¹ 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.

² 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.

³ 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.

Ambient Air Monitoring Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Ambient Air Monitoring Form: version 1, 08/03/2021

Reporting of monitoring ambient air for the period from [DD/MM/YY] to [DD/MM/YY]

Monitoring point	Substance / parameter	Compliance limit	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. P1]	[e.g. PM ₁₀ suspended particulate matter]	[e.g. 50 μg/m³]	[24 hour average]	[e.g. BS EN 12341:2014]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

(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.

¹ 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.

² 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.

³ 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.

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

: [DD/MM/YY]

Date:

Process Monitoring Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Process Monitoring Form: version 1, 08/03/2021

Reporting of process monitoring for the period from [DD/MM/YY] to [DD/MM/YY]

Monitoring point description or source	Parameter	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
[e.g. Condenser V 2345]	[e.g. cooling water outlet temperature]	[e.g. instantaneous]	[if applicable]	[State result]	[State relevant dates and time periods]	[if applicable]

Operator's comments			

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.

¹ 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.

² 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.

³ 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.

Water Usage Reporting Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m ³)	Specific water usage (m ³ /unit) ²
Mains water	[insert annual usage in m ³ where mains water is used]	[insert annual usage in m ³ /unit where mains water is used]
Site borehole	[insert annual usage in m ³ where water is used from a site borehole]	[insert annual usage in m ³ /unit where water is used from a site borehole]
River abstraction	[insert annual usage in m ³ where abstracted river water is used]	[insert annual usage in m ³ /unit where abstracted river water is used]
Other – [specify other water source where applicable]. Add extra rows where needed]	[insert annual usage in m ³ where applicable]	[insert annual usage in m³/unit where applicable]
Total water usage	[insert total annual water usage in m ³]	[insert total annual water usage in m³/unit]

Operator's comments						

Signed:	[Name]	Date:	[DD/MM/YY]
(Authorised t	o sign as representative of the operator)		

Guidance for use: Use this form to report your annual water usage. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: [EPR/AB1234CB]

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited] Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	[insert annual consumption in MWh where electricity is imported]	[insert annual consumption in MWh/unit where electricity is imported]
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	[insert annual consumption in MWh where electricity is imported]	[insert annual consumption in MWh/unit where electricity is imported]
Natural gas	[insert annual consumption in MWh where natural gas is used]	[insert annual consumption in MWh/unit where natural gas is used]
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	[insert annual consumption in MWh where gas oil is used]	[insert annual consumption in MWh/unit where gas oil is used]
Imported heat	[insert annual consumption in MWh where heat is imported]	[insert annual consumption in MWh/unit where heat is imported]
Other – [specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]	[insert annual consumption in MWh where applicable]	[insert annual consumption in MWh/unit where applicable]
Electricity exported	[insert annual production in MWh where electricity is exported]	Not applicable
Heat exported	[insert annual production in MWh where heat is exported]	Not applicable

Ор	erat	tor's	com	ments
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Date: [DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

¹ Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

² Divide energy consumption by an appropriate unit of raw material processed or product output.

Other Performance Parameters Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Other Performance Parameters Reporting Form: version 1, 08/03/2021

Reporting of other performance parameters for the period from [DD/MM/YY] to [DD/MM/YY]

Parameter	Units
[e.g. Total raw material usage]	[e.g. tonnes per production unit]

Operator's comments			

Signed:	[Name]	Date:	[DD/MM/YY]
(Authorised	to sign as representative of the operator)		

Guidance for use: Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.