Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

European Metal Recycling Limited

EMR Middlesbrough Granulation
Gould Avenue
Middlesbrough
TS2 1EQ

Permit number

EPR/DP3421SN

EMR Middlesbrough Granulation
Permit number EPR/DP3421SN

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Brief non-technical summary of the facility

The installation is a waste cable and metal processing facility with an annual throughput of up to 57,000 tonnes and is regulated under the Environmental Permitting Regulations 2016 as:

**Section 5.4 Part 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.*

**Section 5.3 Part 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 Part A(1) (a) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3.*

The installation includes the following directly associated activities (DAAs): the storage of non-hazardous waste pending treatment and the abatement of contaminated air via a fabric filter and cyclone.

Following waste pre-acceptance checks, the waste is stored within isolated storage bays in batches. These batches are processed in isolation and initially enter the process through the super chopper, followed by a series of magnets, granulators, separation tables, classifiers, and a turbo mill. This process reduces particle size of the waste and separates metals from plastics. Outputted waste is then classified and stored internally within dry woven bulk bags to await collection for recovery.

There is one point source emission to air via a cyclone and fabric filter abatement system. Uncontaminated surface run-off collected from building roofs will be discharge directly to the nearby River Tees. Contaminated run-off collected from the waste storage yard will be discharged to storm sewer after monitoring. Run-off from the diesel storage yard area will be discharged under consent to foul sewer via an oil interceptor.

The installation is at NZ 48006 20273, approximately 1.5km west of Middlesbrough town centre, North Yorkshire. The site is in an urban landscape surrounded by other industry. The closest residential properties are located 500 metres to the south-east. Key sensitive ecological receptors are the Teesmouth and Cleveland Coast Special Protection Area (SPA), the Teesmouth and Cleveland Coast RAMSAR site, and the Teesmouth and Cleveland Coast SSSI all located within 50 metres west of the installation.

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

Status log of the permit		
Description	**Date**	**Comments**
Application EPR/DP3421SN/A001	Duly made 13/05/2024	Application for a waste cable and metal processing facility.
Schedule 5 response received	30/08/2024	Improved site plans, updated fire prevention plan (FPP), drainage plans and updated environmental management system (EMS) received.

Status log of the permit		
Description	**Date**	**Comments**
Further information received via email	10/09/2024	Information provided clarifying the future status of the on-site diesel generator, clarification on site drainage, and confirmation of fire-wall bonding foam fire-resistance properties.
Schedule 5 response received	17/01/2024	Correction of listed activities within the application documents, contaminated surface run-off discharge modelling, updated site condition report.
Permit determined EPR/DP3421SN	09/06/2025	Permit issued to European Metal Recycling Limited

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DP3421SN

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

European Metal Recycling ("the operator"),

whose registered office is

Sirius House
Delta Crescent Westbrook
Warrington
Cheshire
WA5 7NS

company registration number 02954623

to operate an installation at

EMR Middlesbrough Granulation
Gould Avenue
Middlesbrough
TS2 1EQ

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

Name	Date
Sarah Woodruff	**09/06/2025**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

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

2.2 The site

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

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 All activities shall take place on impermeable surfaces 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 S2.2 and S2.3.; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.4 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 Improvement programme

2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.5.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.6 Pre-operational conditions

2.6.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.

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

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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

3.3 Odour

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

3.3.2 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, S3.2 and S3.3;

(b) ambient air monitoring specified in table S3.4;

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

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

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2, 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', UNEXE, 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 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 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 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 In the event:

(a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must

immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(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.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1	S5.4 A1 (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 WEEE and ELVs and their components.	Shredding of non-hazardous waste. R4 – Recycling/reclamation of metals and metal compounds. R5 – Recycling/reclamation of other inorganic materials.	From treatment of waste by shredding to storage of treated waste. Treatment consisting only of pre-shredding, shredding, granulation, and separation of waste containing ferrous and non-ferrous metals for recovery. No more than a total of 156 tonnes of waste shall be treated per day across all activities. Treated waste shall be stored inside the main operations building prior to transfer off-site for no longer than 6 months. Waste types suitable for acceptance are limited to those specified in Table S2.2 Permitted non-hazardous non-cable wastes are to be batch processed and stored separately from accepted hazardous and non-hazardous cable.
AR2	S5.3 A1 (a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Shredding and granulation of hazardous electrical and communications cable. R4 – Recycling/reclamation of metals and metal compounds. R5 – Recycling/reclamation of other inorganic materials.	From mechanical treatment of waste to storage of treated waste. Treatment limited to pre-shredding, shredding, granulation, and separation for the purpose of recovery of the constituent parts and materials. Waste electrical and electronic (WEEE) derived cable must not be accepted or processed.

			No more than a total of 156 tonnes of waste shall be treated per day across all activities. Treated waste shall be stored inside the main operations building prior to transfer off-site for no longer than 6 months. Permitted non-hazardous non-cable wastes are to be batch processed and stored separately from accepted hazardous and non-hazardous cable. Waste types suitable for acceptance are limited to those specified in Table S2.3
AR3	S5.6 A1 (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.	Storage of hazardous waste pending on-site treatment or off-site transfer. R13 – Storage of waste pending any of the operations numbered in R1 to R12 (excluding temporary storage, pending collection, on site where it is produced).	From receipt and storage of hazardous waste on site to its treatment on site or transfer off-site. All hazardous waste storage pending treatment shall not exceed 6 months, without prior written approval from the Environment Agency. Storage of hazardous waste pending treatment or transfer shall not exceed 400 tonnes at any one time. Waste types suitable for acceptance and storage limited to those specified in Table S2.3
	Directly Associated Activity		
AR4	Storage of non-hazardous waste pending treatment	Storage of non-hazardous waste pending AR1 R13 – Storage of waste pending any of the operations numbered in R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	From receipt of waste to storage of waste prior to treatment by AR1. Storage for no more than 6 months prior to treatment or transfer. Waste types suitable for acceptance are limited to those specified in Table S2.2.

AR5	Air abatement system	Filtration of air via a cyclone and fabric filter dust extraction and abatement system from inside the processing building to reduce pollutant PM10 and VOCs concentrations to acceptable levels prior to expulsion into the atmosphere.	Operations occurring within the main processing building.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Treating metal waste in shredders: appropriate measures for permitted facilities. Version published 20 October 2021	All parts of the appropriate measures guidance shall apply other than: • Those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is earlier); • Those parts listed below which are not applicable. The following parts of the appropriate measures guidance are not applicable: • Waste storage, segregation, and handling measure 4.4 (1, 2, 3, 4, 5 and 6).	30/12/2024
Non-hazardous and inert waste: appropriate measures for permitted facilities Version published 12 July 2021	All parts of the appropriate measures guidance shall apply other than: • Those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is earlier); • Those parts listed below which are not applicable. The following parts of the appropriate measures guidance are not applicable: • Waste storage measures 4.9 and 4.10 • Waste treatment measures 5.1.1 • Emission monitoring and limits measures: 7.2.1 – 7.2.4	30/12/2024
Response to first Schedule 5 Notice dated 02/08/2024	Waste acceptance procedure.	30/08/2024
Response to second Schedule 5 Notice dated 18/11/2024	Updated BAT assessment document. Version 1.4. Ref CUP-A04-BAT Assessment 1029/W04.	17/01/2025
Additional Information	Storage bay expanding foam fire resistance certification received via email. Yard drainage sampling methodology.	10/09/2024
	Clarification on non-hazardous non-cable waste processing, cables accepted under 17 04 10*, and total daily tonnage treatment via email.	28/01/2025

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Fire Prevention Plan	Approved Fire Prevention Plan. Issue v1.4. Ref CUP-C07-Fire Prevention Plan 1029/W04	30/08/2024.
Deflagration Management Plan	Approved Deflagration Management Plan. Version 1. September 2024.	27/09/2024

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1 Discharge to surface waters.	The operator shall submit a written report to the Environment Agency for technical assessment and written approval. The report must contain: • The results from 12 months of sampling and monitoring of effluent discharges to emission point W2 on the site plan at a frequency of a minimum of one sample a month • Characterisation of the effluent monitoring including but not limited to the parameters listed in Table S3.2. • Evidence that the sampling and monitoring has been undertaken in line with the Environment Agency guidance: https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit and to standards outlined in Table S3.2. • An updated H1 assessment and/or modelling results which take into consideration relevant environmental standards as specified in Environment Agency guidance 'Surface water pollution risk assessment for your environmental permit – GOV.UK (www.gov.uk)'. • A comparison of the conclusions of the updated H1 assessment and/or modelling results against the conclusions of the H1 assessment submitted in the permit bespoke application EPR/DP3421SN/A001. • Where results of the updated H1 assessment and/or modelling show that significant/adverse impact is likely from the emissions of any of the parameters, the operator shall cease further discharge of the site effluent to surface waters and shall provide proposals and timescales on how to manage the effluent to ensure discharges have insignificant impact on receiving waters. • Modelling for the discharge at BAT-AEL pollutant concentrations listed in Table S3.2. The operator shall implement the proposals in the report in line with timescales as agreed in writing with the Environment Agency.	12 months from the completion of pre-operational measures detailed in Table S1.4
IC2 Discharge to sewer.	The operator shall submit a written report to the Environment Agency for technical assessment and written approval. The report must contain: • The results from 12 months of sampling and monitoring of effluent discharges to emission point S1 on the site plan at a frequency of a minimum of one sample a month. • Characterisation of the effluent monitoring including parameters listed in Table S3.3 • Evidence that the sampling and monitoring has been undertaken in line with the Environment Agency guidance:	12 months from the completion of pre-operational measures detailed in Table S1.4

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
	https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit and to standards outlined in Table S3.3. Sampling must be done after any pollution reduction measures, including interceptors. • A H1 assessment and/or modelling results which take into consideration relevant environmental standards as specified in Environment Agency guidance 'Surface water pollution risk assessment for your environmental permit – GOV.UK (www.gov.uk)'. • Where results of the H1 assessment and/or modelling show that significant/adverse impact is likely from the emissions of any of the parameters, the operator shall cease further discharge and shall provide proposals and timescales on how to manage the effluent to ensure discharges have insignificant impact on receiving waters. The operator shall implement the proposals in the report in line with timescales as agreed in writing with the Environment Agency.	

Table S1.4 Pre-operational measures	
Reference	**Pre-operational measures**
PO1	**Decommissioning of existing diesel generator** Prior to the commissioning of operations under the conditions of this permit, the operator shall submit written report to the Environment Agency for confirmation. The report must contain: • Confirmation and evidence that the on-site diesel generator has been decommissioned and fully removed from the site. • Confirmation and evidence that the site has been successfully connected to the mains electricity supply via appropriate infrastructure.

Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted waste types and quantities for Activities AR1 and AR4 Non-hazardous waste treatment in shredders and temporary storage of non-hazardous waste awaiting treatment.	
Maximum quantity	The total quantity of waste accepted at the site for Tables S2.2 and S2.3 (For activities AR1, AR2, AR3, and AR4) shall be no more than 57,000 tonnes per year.
Waste code	**Description**
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 01	*End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance*
16 01 17	Ferrous metal
16 01 18	Non-ferrous metal
17	**CONSTRUCTION AND DEMOLITION WASTES**
17 04	*Metals (including their alloys)*
17 04 01	Copper, bronze, brass
17 04 02	Aluminium
17 04 06	Tin
17 04 07	Mixed metals
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 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 04	Plastic and rubber
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**
20 01	*Separately collected fractions (except 15 01)*
20 01 40	Metals

Table S2.3 Permitted waste types and quantities for activities AR2 and AR3. Physico-chemical hazardous waste treatment and temporary storage of hazardous waste.	
Maximum quantity	The total quantity of waste accepted at the site for Tables S2.2 and S2.3 (for activities AR1, AR2, AR3, and AR4) shall be no more than 57,000 tonnes per year.
Waste code	**Description**
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 01	*End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling end-of-life vehicles and vehicle maintenance*
16 01 21*	Hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	Discarded components not otherwise specified
17	**CONSTRUCTION AND DEMOLITION WASTES**
17 04	*Metals (including their alloys)*
17 04 10*	Cables containing hazardous substances, other than oil and coal tar.
17 04 11	Cables other than those mentioned in 17 04 10 (i.e., not containing oils, coal tar or other dangerous substances)

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency** [1]	**Monitoring standard or method**
A1 Emissions control system exhaust from metal shredder. [Point A1 on-site plan in Schedule 7]	Metal shredder air extraction and abatement system	Dust	5 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	Monthly for first 6 months of operation. Then every 6 months when agreed in writing with the Environment Agency.	EN 13284-1
		Total VOCs	3 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 12619
		Metals (As, Dc, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Tl, V) Note 1	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
Note 1 - Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period** Note 1	**Monitoring frequency** Note 2	**Monitoring standard or method**
W1 on site plan in schedule 7 emission to River Tees	Uncontaminated site surface water from roofs and non-operational areas.	Oil or grease	None visible	Instantaneous	Weekly	Visual assessment
W2 on site plan in schedule 7 Emission to River Tees	Discharge of contaminated site surface water run-off from waste storage yard	Oil or grease	None visible	Instantaneous	Weekly	Visual assessment
		Total daily volume of discharge	No Limit	24 Hour total	Continuous	MCERTS self-monitoring of flow scheme
		Total Organic Carbon	10 mg/l	--	Monthly Note 5	BS EN 1484

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period** Note 1	**Monitoring frequency** Note 2	**Monitoring standard or method**
		(TOC) Note 4				
		Chemical Oxygen Demand (COD) Note 4	30 mg/l	--	Monthly Note 5	BS 6068-2 34 BS ISO 15705
		Dissolved Organic Carbon (DOC)	No Limit	--	Monthly Note 5	BS EN 1484
		Total suspended solids	5 mg/l	--	Monthly Note 5	BS EN 872
		Hydrocarbon oil index (HOI)	0.5 mg/l	--	Monthly Note 5	BS ISO 9377-2
		Total Arsenic (expressed as As) Dissolved Arsenic (expressed as As)	0.01 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586
		Total Cadmium (expressed as Cd) Dissolved Cadmium (expressed as Cd)	0.01 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586
		Total Chromium (expressed as Cr) Dissolved Chromium (expressed as Cr) Note 3	0.01 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586
		Total Copper (expressed as Cu)	0.05 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period** Note 1	**Monitoring frequency** Note 2	**Monitoring standard or method**
		Dissolved Copper (expressed as Cu)				
		Total Lead (expressed as Pb) Dissolved Lead (expressed as Pb)	0.05 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586
		Total Nickel (expressed as Ni) Dissolved Nickel (expressed as Ni)	0.05 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 17294-2, EN ISO 15586
		Total Mercury (expressed as Hg) Dissolved Mercury (expressed as Hg)	0.0005 mg/l	--	Monthly Note 5	EN ISO 17852, EN ISO 12846
		Total Zinc (expressed as Zn) Dissolved Zinc (expressed as Zn)	0.1 mg/l	--	Monthly Note 5	EN ISO 11885, EN ISO 179294-2 EN ISO 15586

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 - The proportion of the total Chromium that is Cr (III) and Cr (VI) should also be monitored.

Note 4 – Either the BAT-AEL for COD or the BAT-AEL for TOC applies. TOC monitoring is the preferred option because it does not rely on the use of very toxic compounds.

Note 5 – Average and maximum values from flow-proportional composite samples required.

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit)**	**Reference period** Note 1	**Monitoring frequency** Note 2	**Monitoring standard or method**
S1 on site plan in schedule 7 emission to Northumbrian Water, Water Sewage Treatment Works	Weighbridge and Diesel storage area surface run-off via an oil interceptor.	Total daily volume of discharge	No Limit	24-hour total	Continuous	MCERTS self-monitoring of flow scheme
		Oil or grease	None visible	Instantaneous	Weekly	Visual Assessment.
		PAHs Note 3	No limit	--	Monthly Note 4	BS EN ISO 17993, BS ISO 28540, BS EN 16691
		Naphthalene Note 3	No Limit	--	Monthly Note 4	BS EN ISO 15680

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 – Monitoring of these parameters will only continue to be required if they are found to be present in the discharge during the completion of IC2

Note 4 – average and maximum values from flow-proportional composite samples required.

Table S3.4 Ambient air monitoring requirements				
Location or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
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	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standards 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

Table S3.4 Ambient air monitoring requirements				
Location or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
			overriding aim to reduce particulate emissions from the facility	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.

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
Point source emissions to air Parameters as required by condition 3.5.1	A1	Every 6 months, or as agreed in writing by the Environment Agency.	1 January, 1 July
Emissions to water Parameters as required by condition 3.5.1	W1, S1	Every 6 months, or as agreed in writing by the Environment Agency.	1 January, 1 July
Ambient air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	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**
Metal Treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic fraction	tonnes

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

Table S4.4 Reporting forms		
Media/Parameter	**Reporting format**	**Date of form**
Air	Form air 1 or other form as agreed in writing by the Environment Agency.	08/03/2021
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency.	08/03/2021
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency.	08/03/2021
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency.	08/03/2021

Table S4.4 Reporting forms		
Media/Parameter	**Reporting format**	**Date of form**
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency.	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.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“dust” means total particulate matter (in air).

“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.

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

2granulating2 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 lll 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.

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

“pests” means Birds, Vermin and Insects.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“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 pump, except where liquids may be lawfully discharged.

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

“shearing” means utilising 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 a 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.

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

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

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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

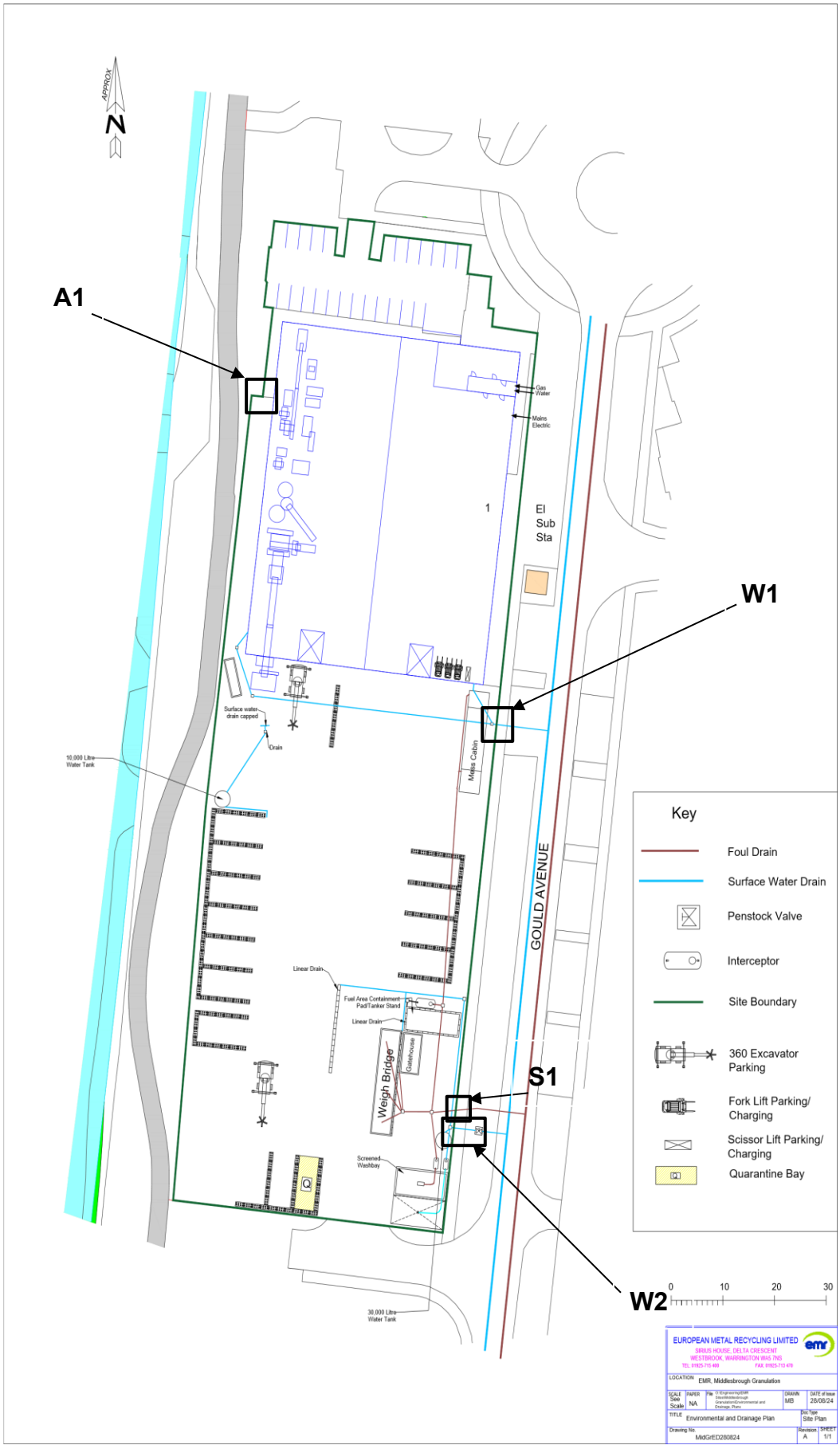
in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

‘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

‘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

Schedule 7 – Site plan



END OF PERMIT

Reporting Forms

Emissions to Air Reporting Form

Permit number: *[EPR/AB1234CB]* **Operator:** *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]* **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/m^3]*	*[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.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Emissions to Water Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

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]*

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

Emissions to Sewer Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

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]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. S1]	*[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]*

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

Ambient Air Monitoring Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

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 $\mu g/m^3$]*	*[24 hour average]*	*[e.g. BS EN 12341:2014]*	*[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.

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

Energy Usage Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

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

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 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.