



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

S. Norton & Co Limited

S. Norton & Co Limited
Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ

Variation application number

EPR/XP3492CL/V004

Permit number

EPR/XP3492CL

S. Norton & Co Limited

Permit number EPR/XP3492CL

Introductory note

This introductory note does not form a part of the notice.

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

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

This permit variation has been issued to implement guidance “Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities” (including additional guidance Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities), “Treating metal waste in shredders: appropriate measures for permitted facilities”, and “End of life vehicles (ELVs): appropriate measures for permitted facilities”.

Changes introduced by this variation notice/statutory review

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

The appropriate measures for WEEE were published on gov.uk on 13 July 2022. The Treating metal waste in shredders: appropriate measures for permitted facilities guidance was published on gov.uk on 20 October 2021. The appropriate measures for ELVs were published on 19 October 2023. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer relevant wastes, providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the WEEE treatment and transfer, ELV sector, and metal shredding sectors and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

As a result of this permit variation, the installation boundary has been extended to include the conveyor extending over Regent Road. Granulation in AR1 and AR2 has been mothballed, and two waste operations have been added: AR10 for the stripping of WEEE and non-WEEE cables, and AR11 for metal recycling.

Brief description of the process

S. Norton & Co Limited is a ferrous and non-ferrous metal recycling facility. The regulated facility is in Bootle, Liverpool which is an industrialised dock land area. The facility is made up of a pre-shredder, one metal fragmentiser, a lead acid battery repackaging plant and hazardous and non-hazardous temporary waste storage areas.

The installation activities which fall under Schedule 1 of the Environmental Permitting (England and Wales) Regulations 2016:

- S5.4 Part A(1)(b)(iv) – Metal fragmentiser for shredding metal waste;
- S5.3 Part A(1)(a)(ii) – Metal fragmentiser for shredding small mixed WEEE;

- S5.3 Part A(1)(a)(ii) – Lead acid battery repackaging;
- S5.6 Part A(1)(a) – Temporary storage of hazardous wastes (which include oils and other fluids from depollution of End-of-Life Vehicles (ELVs), soiled absorbent material, wastes from electrical and electronic equipment).

The site also has the following waste operations:

- Vehicle storage, depollution and dismantling (authorised treatment) facility;
- Treatment of hazardous waste for the manual sorting, separation and stripping of WEEE/non-WEEE cable;
- Metal recycling.

The installations and waste facility will have an annual throughput of 500,000 tonnes for the treatment of non-hazardous and hazardous waste.

The principal releases to the environment are point source particulate emissions from two stacks associated with the sites metal fragmentiser and fugitive particulate emissions from waste stockpiles. One emission point is directly connected to the fragmentiser so has a higher BAT AEL limit of 10 mg/m³. The operations also have the potential to release fugitive particulate emissions from movement and handling of waste on site. The site has a point source emission to sewer consented by United Utilities for contaminated site surface water run-off.

Abatement techniques on the site focus on dust management from both point source and fugitive emissions from the metal fragmentiser and the general storage and conveyance of scrap metal. The site employs physical containment (conveyor covers), in process extraction (cyclonic separator and wet scrubber) and water suppression systems (rain gun, fogging cannon and water injection). Noise and vibration abatement on site includes rubber and spring buffers on static equipment to reduce excessive vibration, white noise reversing alarms and acoustic barriers.

The site has a conveyor which extends over Regent Road to a neighbouring S. Norton site (WML 53455). This conveyor transports shredded metallic fractions from the shredder to the neighbouring site for export.

There are 8 Habitats Directive sites (SAC, SPA and Ramsar) within 10 km from the facility. There are other sensitive receptors within 1 km from the site, however the risk is considered low if the operators current risk management techniques are applied.

S. Norton & Co Ltd have an ISO 14001:2015 accredited Environmental Management System. The company's integrated management system is also certified to the following standards: Competence Management System - Energy & Utility Skills; End of Waste Regulations, ISO9001:2015; and ISO45001:2018.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Permit determined 195/02/M01	05/06/1988	Permit issued to S. Norton & Co Limited The original Permit was granted on 05 June 1988 as a Waste Disposal License under the Control of Pollution Act 1974, which was superseded by the Environmental Protection Act 1990.
Application	04/06/1999	Variation to update Waste Disposal License to Waste Management Licence

Status log of the permit		
Description	Date	Comments
EAWML 195/02/M01 (variation)		
Application EAWML 53454 (variation)	07/11/2008	Variation to update Waste Management Licence to implement the Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) 2006.
Application EPR/XP3492CL/V002 (variation and consolidation)	Duly made 30/09/2014	Application to vary and update the permit to IED conditions.
Variation determined EPR/XP3492CL Billing Ref: ZP3239Wu	02/08/2017	Varied and consolidated permit issued in modern condition format.
Regulation 61 Notice sent to Operator	17/12/2021	Regulation 61 Notice requiring information for statutory review of permit in relation to the Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021.
Regulation 61 Notice sent to Operator	20/04/2022	Regulation 61 Notice requiring information for statutory review of permit in relation to the Waste electrical and electronic equipment (WEEE) appropriate measures for permitted facilities published 13 July 2022.
Regulation 61 Notice response	26/08/2022	Response received from the operator in relation to the Waste electrical and electronic equipment (WEEE) appropriate measures for permitted facilities published 13 July 2022.
Regulation 61 Notice response	21/11/2022	Response received from the operator in relation to the Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021.
Application EPR/XP3492CL/V003 (variation and consolidation)	Duly made 11/01/2023	Variation to add waste code 19 12 12 (Heavy Melting Steel bottom fines) and hazardous waste codes 17 04 10* and 16 01 21*, due to change in status of cabling initially 17 04 11 and 16 01 22.
Variation determined EPR/XP3492CL Billing reference: JP3443QP	13/03/2023	Varied and consolidated permit issued.
Application (variation and consolidation) EPR/XP3492CL/V004	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018, Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022 and Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021.
Additional information received in response to the Request for Further Information (RFI) sent 28/02/2025	23/03/2025	<ul style="list-style-type: none"> • BAT operating techniques document submitted • Battery storage procedures

Status log of the permit		
Description	Date	Comments
Additional information received in response to the Request for Further Information (RFI) sent 25/06/2025	23/07/2025	<ul style="list-style-type: none"> • Storage of non-metallic shredder fractions undercover • Confirmation emission point A1 is connected to the hammer mill • Confirmation site will comply with BAT AELs for emissions to air
Additional information received in response to the Request for Further Information (RFI) sent 15/08/2025	17/09/2025	<ul style="list-style-type: none"> • Confirmation of mothballing granulation activity • Confirmation of waste codes accepted for cable stripping • Maintenance of Regent Road conveyor details
Additional information received in response to the Request for Further Information (RFI) sent 04/12/2025	10/12/2025	<ul style="list-style-type: none"> • Alternative measures for extended storage of uncontaminated non-combustible non-ferrous metal
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/XP3492CL/V004	21/01/2026	Varied and consolidated permit issued.

Other permits relating to this installation		
Operator	Permit number	Date of issue
S. Norton & Co. Limited	Standard Rules Permit 2017 No1 EPR/FB3096DX	17/05/2018

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/XP3492CL

Issued to

S. Norton & Co Limited (“the operator”)

whose registered office is

**Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ**

company registration number 01859428

to operate regulated facilities at

**S. Norton & Co Limited
Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ**

to the extent set out in the schedules.

The notice shall take effect from 21/01/2026

Name	Date
Hannah Finney	21/01/2026

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/XP3492CL

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/XP3492CL/V004 authorising,

S. Norton & Co Limited (“the operator”),

whose registered office is

**Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ**

company registration number 01859428

to operate installations and a waste operation at

**S. Norton & Co Limited
Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ**

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

Name	Date
Hannah Finney	21/01/2026

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 AR8) 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 AR8) 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 red 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 S1.5, 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 S1.5, 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, S2.5, S2.6, S2.7 and S2.8; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous 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 As a minimum, all waste motor vehicles shall be treated to the standards specified in table S1.3.

2.6 WEEE treatment

2.6.1 As a minimum, the substances, preparations and components specified in table S1.4 shall be removed from any WEEE unless the WEEE is being prepared for re-use or the operator has taken appropriate measures to ensure their removal following transfer off site.

2.6.2 Unless otherwise agreed in writing by the Environment Agency, WEEE and components of WEEE shall be treated in accordance with the methods and standards specified in table S1.5, unless it is being prepared for re-use or the operator has taken appropriate measures to ensure such treatment following transfer off site.

2.7 Improvement programme

2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.6 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.

2.8 Pre-operational conditions

2.8.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.7 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 and S3.2.

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

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

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

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

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

3.3 Odour

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

3.3.2 The operator shall:

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

3.4 Noise and vibration

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

3.4.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, unless the operator has used appropriate measures, including but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the sudden noise and vibration.

3.4.3 The operator shall:

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

3.5 Monitoring

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

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

(c) process 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 and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.6 Monitoring for radioactive substances

- 3.6.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.
- 3.6.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.
- 3.6.3 The monitoring carried out to fulfil condition 3.6.1 shall include, as a minimum, use of:
- (a) fixed radiation detectors at all weighbridges at the site; and
 - (b) a hand held detector to investigate alarms generated by the equipment in (a) above.
- 3.6.4 The equipment referred to in condition 3.6.3 (a) shall:
- (a) include solid state scintillation detectors;
 - (b) be positioned as close as reasonably practicable to the waste being monitored;
 - (c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of 'Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal', UNECE, 2006;
 - (d) include visual and audible alarms which activate on detection of radiation above a defined action level.
- 3.6.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.
- 3.6.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.6.3.

3.7 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 (AR1 to AR8) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production /treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 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.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

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.	Shredding of non-hazardous metal waste, WEEE and end-of-life vehicles. 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	From treatment of waste by shredding to storage of treated waste. Treatment consisting only of pre-shredding, shredding and granulation of waste containing ferrous and non-ferrous metals for recovery. Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2. No more than 1,550 tonnes of waste shall be shredded per day. Treated waste shall be stored for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover, and for no longer than 6 months.
AR2	S5.3 A(1) (a) (ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Mechanical treatment of small mixed WEEE. 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	From mechanical treatment of waste to storage of treated waste. Treatment limited to shredding, granulating, separating and segregating for the purpose of recovery of constituent parts and materials. Treatment of WEEE shall be carried out in enclosed plant using extraction and abatement. Waste types suitable for acceptance are limited to those specified in Table S2.3. No more than 1,550 tonnes of waste shall be treated per day. Shredded fractions containing plastic that may be persistent organic pollutant (POPs) waste shall be stored in a building or under weatherproof covering. Shredded fractions shall be stored for no longer than 6 months prior to transfer off-site.

AR3	Section 5.3 Part A (1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging	<p>Repackaging of hazardous waste</p> <p>R12: Exchange of wastes for submission to any of the operations R1 to R11.</p>	<p>Re-packaging of lead acid batteries in preparation for further recovery. This includes lead acid batteries arising from the ELV depollution operation and individually consigned loads from other treatment operations.</p> <p>From receipt of waste to repackaging of waste.</p> <p>Repackaging is limited to:</p> <ul style="list-style-type: none"> • taking a waste package (for example a bag, jar, drum or box) out of one cart or bulk container (for example a skip) and placing it into another cart or bulk container (for example, a skip). • transferring, removing or separating waste from its primary packaging (for example container, bags, bins, boxes). <p>Wastes that are combined together during repackaging activities shall be materially the same and not change the waste's chemical composition or characteristics.</p> <p>Repackaging shall take place in a dedicated area under cover on an impermeable surface with sealed drainage.</p> <p>Repackaging of waste shall not change either the maximum storage times for waste on site or the amount that can be stored at any one time.</p> <p>No waste types shall be submitted to this activity other than those specified in Table S2.4.</p>
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	<p>Storage of hazardous waste pending on-site treatment or off-site transfer</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>From receipt and storage of hazardous waste on site to its treatment or repackaging on site; or its transfer off-site.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.5.</p> <p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or</p>

			<p>capped, in acid proof containers to prevent leaks and short circuits.</p> <p>All other hazardous waste storage pending treatment shall not exceed 6 months, without prior written approval from the Environment Agency.</p> <p>Storage of hazardous waste pending treatment or transfer shall not exceed 4,000 tonnes at any one time.</p>
Directly Associated Activities			
AR5	Storage of non-hazardous waste pending treatment	<p>Storage of non-hazardous waste pending AR1.</p> <p>R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>From receipt of waste to storage of waste prior to treatment by AR1.</p> <p>Storage for no more than 6 months prior to treatment or transfer.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.2.</p>
AR6 (DAA to AR1)	Physical treatment for the purpose of recycling	<p>Manual and mechanical sorting, segregation and grading of non-hazardous fractions resulting from the shredding of wastes containing ferrous and non-ferrous metals.</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>From treatment consisting of sorting, separation and grading to storage of treated waste.</p> <p>No more than 1, 550 tonnes of waste shall be treated per day.</p> <p>Treated waste shall be stored for no longer than 6 months.</p> <p>Shredder non-metallic fractions shall be stored undercover, and for no longer than 6 months.</p>
AR7 (DAA to AR2)	Physical treatment for purpose of recycling	<p>Manual sorting of small mixed WEEE prior to mechanical treatment under AR2.</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>From manual treatment consisting of sorting and separation to storage of treated waste.</p> <p>The following shall be removed from small mixed WEEE before any shredding or other form of mechanical treatment:</p> <ul style="list-style-type: none"> • any WEEE or component containing a fluid, such as oil filled radiators • any components containing mercury such as fluorescent lamps and mercury switches • any WEEE containing any CRT display or a FPD of greater than 100 square centimetres in area • any WEEE containing asbestos or refractory ceramic fibres identified in Annex VII of the WEEE Directive

			<ul style="list-style-type: none"> • any WEEE or component containing radioactive substances, such as ionization smoke detectors • any WEEE containing CFCs, HCFCs, HFCs or hydrocarbon gases, such as small refrigeration equipment, portable air conditioners and dehumidifiers • all external batteries (including powerpacks) and internal batteries designed to be accessible by the user • any non-WEEE items that may contain fluids or hazardous substances, such as petrol lawnmowers or gas cylinders <p>The following shall be removed from small mixed WEEE before any shredding or other form of mechanical treatment unless your specific process ensures they remain whole and intact, and you have effective procedures to remove them following that treatment:</p> <ul style="list-style-type: none"> • capacitors identified in Annex VII of the WEEE Directive • ink and toner cartridges <p>All liquids, and components containing residual liquids shall be store in sealed containers.</p> <p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits.</p> <p>Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged.</p> <p>Li-ion batteries shall be stored to prevent them from:</p> <ul style="list-style-type: none"> • coming into contact with any liquids • being damaged or shorting • being exposed to high temperatures <p>Batteries shall be stored on site for no longer than 6 months.</p>
AR8	Raw materials storage	Storage of raw materials including and diesel.	From the receipt of raw materials to despatch for use within the facility.

Waste Operations		
Activity reference	Description of activities for waste operations	Limits of activities
AR9	<p>Vehicle storage, depollution and dismantling (authorised treatment) facility.</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p> <p>R5: Recycling/ reclamation of other inorganic compounds</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p>	<p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> • Treatment consisting of depollution of waste motor vehicles and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste into different components for recovery of wastes. <p>No more than 500 tonnes of non-hazardous waste shall be stored at the site.</p> <p>No more than 50 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site.</p> <p>Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months.</p> <p>Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with sealed drainage system.</p> <p>There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p> <p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits.</p> <p>Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged.</p> <p>Li-ion batteries from electric vehicles shall be stored separately from other batteries.</p> <p>Li-ion batteries shall be stored to prevent them from:</p> <ul style="list-style-type: none"> • coming into contact with any liquids

		<ul style="list-style-type: none"> • being damaged or shorting • being exposed to high temperatures <p>Batteries shall be stored on site for no longer than 6 months.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.6.</p>
AR10	<p>Treatment of hazardous waste</p> <p>R4 Recycling reclamation of metals/metal compounds</p>	<p>Treatment operations shall be limited to manual sorting and separation, and stripping of non WEEE/WEEE cable.</p> <p>Maximum treatment capacity shall not exceed 1 tonne per day.</p> <p>Treatment shall only take place in a building and on an impermeable surface with a sealed drainage system.</p> <p>Waste types suitable for treatment are limited to those specified in Table S2.7.</p>
AR11	<p>Metal Recycling including manual and mechanical treatment</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p>	<p>Treatment operations shall be limited to:</p> <p>Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing or cutting of non- hazardous waste into different components for recovery.</p> <p>There shall be no treatment of cables by granulation under this activity.</p> <p>There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p> <p>Uncontaminated non-combustible non-ferrous metal must be stored in a building on hard standing or an impermeable surface for no longer than 3 years.</p> <p>Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months.</p> <p>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or</p>

		<p>capped in acid proof containers to prevent leaks and short circuits.</p> <p>Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged.</p> <p>Li-ion batteries from electric vehicles shall be stored separately from other batteries.</p> <p>Li-ion batteries shall be stored to prevent them from:</p> <ul style="list-style-type: none"> • coming into contact with any liquids • being damaged or shorting • being exposed to high temperatures <p>Batteries shall be stored on site for no longer than 6 months.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.8.</p>
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Table S1.2 Operating techniques		
Description	Parts	Date Received
Fire Prevention Plan	Fire prevention plan- ref 416.12512.00001, v3 – February 2022	23/02/2022
<p>Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities</p> <p>Version published 13 July 2022</p>	<p>All parts of the appropriate measures guidance shall apply other than:</p> <ul style="list-style-type: none"> • those parts to which an improvement programme requirement applies in Table S1.6 (and only until the date that the improvement has been or must be met, whichever is the earlier). <p>The following parts of the appropriate measures guidance are not applicable:</p> <ul style="list-style-type: none"> • Treatment of gas discharge lamps – section 5.5 • Treatment of Cathode Ray Tube (CRT) equipment – section 5.6 • Treatment of Flat Panel Display (FPD) equipment – section 5.7 	26/08/2022

Table S1.2 Operating techniques		
Description	Parts	Date Received
<p>Treating metal waste in shredders: appropriate measures for permitted facilities</p> <p>Version published 20 October 2021</p>	<p>All parts of the appropriate measures guidance shall apply other than:</p> <ul style="list-style-type: none"> • those parts to which an improvement programme requirement applies in Table S1.6 (and only until the date that the improvement has been or must be met, whichever is the earlier); • Those parts for which an alternative measure has been agreed as below: <ul style="list-style-type: none"> • Storage duration and capacity – point 3 of section 4.2. 	21/11/2022
<p>Site Condition Report</p>	<p>Operational Site Condition Report: 241218_SCR_Snorton_Bankfield_v1.1</p> <p>SLR Project No.: 406.064932.00001</p> <p>Date: 18/12/2024</p>	22/01/2025
<p>End of life vehicles (ELVs): appropriate measures for permitted facilities</p> <p>Version published 19 October 2023</p>	<p>All parts of the appropriate measures guidance shall apply other than:</p> <ul style="list-style-type: none"> • those parts to which an improvement programme requirement applies in Table S1.6 (and only until the date that the improvement has been or must be met, whichever is the earlier). 	23/03/2025
<p>EPR/XP3492CL/V004</p> <p>Additional information</p> <p>Request for information (sent 28/02/2025)</p>	<p>Responses to questions 1- 4 (general management appropriate measures), 5 (decommissioning plan), 6-8 (waste pre-acceptance and acceptance), 11 (battery storage), 12-13 (waste treatment), and 23 (process efficiency appropriate measures).</p>	23/03/2025
<p>EPR/XP3492CL/V004</p> <p>Additional information</p> <p>Request for information (sent 25/06/2025)</p>	<p>Responses to questions 7 (non-metallic shredder residue is covered), 13 (location of A1), and 14 (monitoring requirements for point source emissions to air).</p>	23/07/2025

Table S1.2 Operating techniques		
Description	Parts	Date Received
Noise and Vibration Management Plan	Noise and vibration management plan - OC-SOP-408 - Noise and Vibration Management Plan v1.0, 02.09.25	02/09/2025
EPR/XP3492CL/V004 Additional information Request for information (sent 15/08/2025)	Responses to questions 1 (mothball granulation), 2 (cable stripping), and 7 (Regent Road conveyor maintenance).	17/09/2025
Deflagration Management Plan	Deflagration and baled waste - OC-SOP-035 - Deflagration Management Plan and Batching Procedure 19.9.25	19/09/2025
Operating Techniques	Operating Techniques - OC-SOP-397 - Liverpool Bankfield BAT Operating Techniques - v2 30.9.25	30/09/2025
EPR/XP3492CL/V004 Additional information Request for information (sent 04/12/2025)	Agreed alternative measure for the extended storage of clean non-combustible, non-ferrous metals. Types of material stored and risk management techniques. Document reference: EPR-XP3492CL-V004 Draft Permit – Review Round 2 – 10.12.2025	10/12/2025

Table S1.3 Waste motor vehicle treatment minimum technical requirements
<p>1. Treatment operations for depollution of end-of-life vehicles:</p> <ul style="list-style-type: none"> • removal of batteries and liquefied gas tanks, • removal or neutralisation of potential explosive components, (e.g. air bags), removal and separate collection and storage of fuel, motor oil, transmission oil, gearbox oil, hydraulic oil, cooling liquids, antifreeze, brake fluids, air-conditioning system fluids and any other fluid contained in the end-of-life vehicle, unless they are necessary for the re-use of the parts concerned, • removal, as far as feasible, of all components identified as containing mercury. <p>2. Treatment operations in order to promote recycling:</p> <ul style="list-style-type: none"> • removal of catalysts, • removal of metal components containing copper, aluminium and magnesium if these metals are not segregated in the shredding process, • removal of tyres, glass and large plastic components (bumpers, dashboard, fluid containers, etc), if these materials are not segregated in the shredding process in such a way that they can be effectively recycled as materials.

Table S1.4 Substances, preparations and components to be removed during treatment from WEEE

- Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and paste, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres as described in REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- 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 S1.5 Specified treatment methods and standards for the treatment of WEEE and components of WEEE

Treatment of small mixed WEEE	<p>The mechanical treatment of small mixed WEEE must be provided with effective dust extraction and abatement to minimise release of dust.</p> <p>The finest non-metallic fraction must not exceed the following limits:</p> <ul style="list-style-type: none"> • 1 mg/kg mercury • 100 mg/kg cadmium
Treatment of IT, telecommunications and business equipment	<p>The mechanical treatment of IT, telecommunications and business equipment must be provided with effective dust extraction and abatement to minimise release of dust.</p> <p>The finest non-metallic fraction must not exceed the following limits:</p> <ul style="list-style-type: none"> • 1 mg/kg mercury • 100 mg/kg cadmium

Table S1.6 Improvement programme requirements		
Reference	Requirement	Date
IC7 Updated emissions inventory and H1 risk assessment	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.1, 6.4 and 7.1, 7.2 and 7.3 of the WEEE and Treating metal waste in shredders: appropriate measures for permitted facilities.</p> <p>The emissions inventory must include information about the relevant characteristics of point source emissions to air or sewer.</p> <p>The report must include:</p> <ol style="list-style-type: none"> the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory. a comparison of the monitoring results with the limits listed in Schedule 3, Tables S3.1 and S3.2 for each parameter. the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: <p><u>Air emissions risk assessment for your environmental permit - GOV.UK</u></p> <p>Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall:</p> <ol style="list-style-type: none"> Review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Tables S3.1 and S3.2 in order to prevent exceedance of environmental standards. Propose revised emission limits that will prevent exceedance of the environmental standard(s) Include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures. <p>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.</p>	<p>Submission of written report detailing monitoring and assessment results and further proposals</p> <p>21/04/2026</p>
IC8	<p>The operator shall review and resubmit their site drainage plan to the Environment Agency for approval. The plan shall review the feasibility of clean and dirty water control segregation measures and options for containment, treatment, recycling and re-use of water. The operator shall carry out testing to demonstrate that impermeable surfacing and a sealed drainage system are in place for external areas of the site where waste is stored or handled, and submit the methodology and results to the Environment Agency.</p>	21/05/2026
IC9a	<p>The operator shall review and update their emissions control procedures in relation to the covering of downstream conveyors to ensure that they meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 referred to in Table S1.2. Specifically, the</p>	21/07/2026

Table S1.6 Improvement programme requirements		
	<p>operator must demonstrate that the following appropriate measures of the guidance will be met:</p> <p>Section 6.3, Point 3 - You must minimise the number of potential diffuse dust and particulates emission sources, using a combination of the following:</p> <ul style="list-style-type: none"> • limiting the drop height of material • using wind barriers • covering conveyor belts, including enclosure of transfer points • fitting spray nozzles or rubber flaps to the inlet and outlet of the shredder mill • using misting systems and wind barriers in areas with significant dust formation • venting pipe work and ducting to an appropriate abatement system to prevent fugitive emissions. <p>A copy of the updated procedures shall be submitted to the Environment Agency for approval.</p>	
IC9b	<p>Upon completion of IC 9a the operator shall submit a written report to the Environment Agency for approval demonstrating:</p> <ul style="list-style-type: none"> • Effectiveness of the facility's emissions control procedures including but not limited to analysis of the monitoring data • Proposals for any ongoing monitoring or further assessment where necessary • Proposals for any required improvements <p>Timescales for implementation of proposals where required.</p>	3 months from completion of IC9a
IC10	<p>The operator shall review and update their waste pre-acceptance, waste acceptance procedures and tracking to ensure that they meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021, Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities, dated 13 July 2022, and End of Life Vehicles (ELVs): appropriate measures for permitted facilities, dated 19 October 2023 referred to in Table S1.2.</p> <p>Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met:</p> <ul style="list-style-type: none"> • Sections 3.1 – Pre-acceptance • Section 3.2 – Acceptance and Tracking <p>A copy of the updated procedures shall be submitted to the Environment Agency for approval.</p>	21/04/2026
IC11	<p>The operator shall review and update their written management system to ensure that they meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 referred to in Table S1.2.</p> <p>Specifically, the operator must demonstrate that the following appropriate measure of the guidance will be met:</p>	21/05/2026

Table S1.6 Improvement programme requirements		
	<ul style="list-style-type: none"> Section 2.3, Point 2 - The accident management plan must identify and assess the risks the facility poses to human health and the environment. <p>As part of the accident management plan, the operator shall ensure that a review of the design, method of construction and integrity of the conveyor which extends over Regent Road is carried out by a third-party competent person (qualified civil or structural engineer).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> physical condition of the conveyor over Regent Road; suitability for the conveyor to transport waste over Regent Road safely, minimising risk to human health and the environment; proposals for any work required to ensure the structural integrity of the conveyor; timescales for implementation of proposals where required; a maintenance and inspection regime. <p>A written report shall be submitted to the Environment Agency for approval detailing the reviews findings and recommendations. The improvements shall be implemented with the timescales as approved by the Environment Agency.</p>	
IC12	<p>The operator shall submit a dust and emissions management plan to the Environment Agency for approval. The plan shall take into account all appropriate measures for dust and emissions control specified in the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 referred to in Table S1.2.</p> <p>Once the dust and emissions management plan has been agreed with the Environment Agency, the installation must be operated in accordance with this management plan.</p>	21/04/2026

Table S1.7 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO1	<p>Recommencement of granulation in activity AR1 and/or AR2 in Table S1.1.</p>	<p>Prior to the recommencement of granulation in AR1 and/or AR2 authorised by table S1.1, including any waste acceptance, storage and treatment which are in temporary cessation¹ under this variation notice. The operator shall confirm to the Environment Agency the intention to recommence operation and provide supporting documents for approval demonstrating activities are in accordance with the requirements of the Waste Treatment BAT conclusions, Treating metal waste in shredders: appropriate measures for permitted facilities and other appropriate measures guidance as applicable.</p> <p>The activities permitted shall only recommence once written agreement has been issued by the Environment Agency.</p>

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted Waste types and quantities for Metal Shredding (AR1)	
Maximum Quantities	
The total quantity of waste accepted under AR1 shall not exceed 342,500 tonnes per year or 500,000 tonnes per year in combination with AR2, AR3, AR4, AR9, AR10 and AR11.	
Exclusions	Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres <ul style="list-style-type: none"> • Wastes that are in a form which is either sludge or liquid • Hazardous waste
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
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
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
16 01 18	non-ferrous metal
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 (cookers, washing machines, dishwashers and tumble dryers, excluding heat pump tumble dryers)
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 02	Wood, glass and plastic
17 02 03	plastic (containing ferrous and non-ferrous metal only)
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
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 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 (heavy melting steel bottom fines only)
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 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 (cookers, washing machines, dishwashers and tumble dryers, excluding heat pump tumble dryers)
20 01 39	plastics (containing ferrous and non-ferrous metal only)
20 01 40	metals

Table S2.3 Permitted Waste types and quantities for Hazardous Waste Electrical and Electronic Equipment treatment (AR2)	
Maximum Quantities	The total quantity of waste accepted at the site under AR2, AR3 and AR4 shall not exceed 90,000 tonnes per year in aggregate or 500,000 tonnes per year in combination with AR1, AR9, AR10 and AR11.

Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> Consisting solely or mainly of dusts, powders or loose fibres
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 02	wastes from electrical and electronic equipment
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 15*	hazardous components removed from discarded equipment
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 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

Table S2.4 Permitted Waste types and quantities for Re-packaging of lead acid batteries (AR3)	
Maximum Quantities	The total quantity of waste accepted at the site under AR2, AR3 and AR4 shall not exceed 90,000 tonnes per year in aggregate or 500,000 tonnes per year in combination with AR1, AR9, AR10 and AR11.
Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> Consisting solely or mainly of dusts, powders or loose fibres
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 06	batteries and accumulators
16 06 01*	lead batteries
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 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries

Table S2.5 Permitted Waste types and quantities for Hazardous Waste Storage (AR4)	
Maximum Quantities	The total quantity of waste accepted at the site under AR2, AR3 and AR4 shall not exceed 90,000 tonnes per year in aggregate or 500,000 tonnes per year in combination with AR1, AR9, AR10 and AR11.

Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> Consisting solely or mainly of dusts, powders or loose fibres
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	
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	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 15*	hazardous components removed from discarded equipment
16 06	batteries and accumulators
16 06 01*	lead batteries
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10*
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 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries

Table S2.6 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility (AR9)	
Maximum Quantities	The total quantity of waste accepted at the site under AR9 shall not exceed 7, 500 tonnes per year or 500,000 tonnes per year in combination with AR1, AR2, AR3, AR4, AR10 and AR11.
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	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 (except 13, 14, 16 06 and 16 08)
16 01 03	end of life tyres
16 01 04*	end-of-life vehicles
16 01 06	end-of life vehicles (containing neither liquids nor other hazardous components)
16 01 12	brake pads other than those mentioned in 16 01 11
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	components not otherwise specified
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 05	other batteries and accumulators
16 08	Spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified

Table S2.7 Permitted Waste types and quantities for treatment of non-WEEE/WEEE cable by stripping (AR10)	
Maximum Quantities	The total quantity of waste accepted at the site under AR10 shall not exceed 365 tonnes per year or 500,000 tonnes per year in combination with AR1, AR2, AR3, AR4, AR9 and AR11.
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	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 (except 13, 14, 16 06 and 16 08)
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	components not otherwise specified
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17	metals (including their alloys)
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10*

Table S2.8 Permitted Waste types and quantities for Metal Recycling (AR11)	
Maximum Quantities The total quantity of waste accepted at the site shall be less than 500,000 tonnes 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
10	WASTES FROM THERMAL PROCESSES
10 09	wastes from casting of ferrous pieces
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 10	wastes from casting of non-ferrous pieces
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
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 03	non-ferrous metal filings and turnings
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
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

16 01 18	non-ferrous metal
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	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 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
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 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
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 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	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency (Note 1) (Note 2)	Monitoring standard or method
A1 Emissions control system exhaust directly from hammer mill	Metal shredder air extraction and abatement system	Dust	10 mg/m ³	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
A2 Emissions control system exhaust from metal and WEEE shredder	Metal shredder air extraction and abatement system	Dust	5 mg/m ³	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
A1 and A2 Emissions control system exhaust from metal shredder	Metal shredder air extraction and abatement system	Total VOCs	-	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 12619
		Brominated flame retardants (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	CEN TS 13649
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Tl, V) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
		Dioxins and furans (PCDD/F) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 3 (Note 4)

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 (Note 1) (Note 2)	Monitoring standard or method
<p>Note 1: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC7 (IC for emissions inventory).</p> <p>Note 2: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable</p> <p>Note 3: This monitoring requirement and limit only applies when the substance is present in the waste gas stream</p> <p>Note 4: Instead of EN 1948-1, sampling may also be carried out according to CEN/TS 1948-5.</p>						

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 3)	Limit (incl. Unit) (Note 5)	Reference period (Note 1)	Monitoring frequency (Note 2)	Monitoring standard or method
W1 on site plan in schedule 7 emission to United Utilities Water limited Liverpool Waste Water Treatment Works	Process water and site surface water drainage via oil interceptor	Hydrocarbon oil index (Note 6)	10 mg/l	--	Monthly	EN ISO 9377-2
		Arsenic (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Cadmium (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Chromium (Note 4) (Note 6)	0.15 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Copper (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Lead (Note 4) (Note 6)	0.3 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Nickel (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Zinc (Note 4) (Note 6)	2.0 mg/l	--	Monthly	EN ISO 11885, EN ISO 17294-2 EN ISO 15586
		Mercury (Note 4) (Note 6)	0.005 mg/l	--	Monthly	EN ISO 17852 EN ISO 12846
		PFOA	-	--	6 monthly	BS ISO 25101

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site–emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 3)	Limit (incl. Unit) (Note 5)	Reference period (Note 1)	Monitoring frequency (Note 2)	Monitoring standard or method
		PFOS Deca BDE (Note 4)				
<p>Note 1 - Relevant reference period:</p> <ul style="list-style-type: none"> • 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. <p>Note 2 – Monitoring frequencies may be reduced by written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.</p> <p>Note 3: In addition the operator shall monitor for relevant waste water parameters as required for example flow, pH, temperature, conductivity, BOD.</p> <p>Note 4: This substance is only required to be monitored where present in the waste water emissions inventory.</p> <p>Note 5: The BAT-AEL may not apply if the downstream waste water treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.</p> <p>Note 6: The monitoring frequency may be reduced if the down stream waste water treatment plant abates the pollutant concerned. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.</p>						

Table S3.3 Ambient 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 overriding aim to reduce particulate	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency. The equipment shall be calibrated in accordance with the manufacturer's recommendations.

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
			emissions from the facility.	<p>The system must be managed and maintained by suitably trained personnel.</p> <p>The system must obtain representative data that must accurately reflect TSP levels produced by the site's activities.</p>

Emission point reference or source or description of point of measurement	Parameter (Note 1)	Monitoring frequency	Monitoring standard or method	Other specifications
For each WEEE stream treated mechanically: LDA, SMW, IT/Telecoms equipment (as specified under the permit)	Mass balance For SMW reporting use Appendix D: SMW depollution mass balance process monitoring	Annual	As specified in section 5.4 (process monitoring) of WEEE: appropriate measures for permitted facilities	Annual assessment based upon representative samples of WEEE treated
Finest non-metallic fraction from the mechanical treatment of SMW (Note 2)	Mercury Cadmium	6 monthly 6 monthly	ISO 17025	Digestion of a homogeneous, representative sample with an acid (typically aqua regia) at elevated temperature and pressure (typically closed vessel microwave digestion).
Finest non-metallic fraction from the mechanical treatment of IT, telecommunications or business equipment (Note 2)	Mercury Cadmium	6 monthly 6 monthly	ISO 17025	Followed by analysis with a technique, such as ICP-AES for cadmium and CV-AAS/AFS, (CV-)ICP-MS for mercury.
Note 1: Limits as specified in Table S1.5 Specified treatment methods and standards for the treatment of WEEE and components of WEEE.				

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter (Note 1)	Monitoring frequency	Monitoring standard or method	Other specifications
Note 2: Finest non-metallic fraction is finest output fraction (excludes dust from abatement). Where SMW and IT equipment are co-processed together as a mixed stream, only one set of process monitoring is required.				

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
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
Emissions to Air Parameters as required by condition 3.5.1	A1 and A2. As agreed in writing by the Environment Agency.	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	Every 6 months, or as agreed in writing by the Environment Agency.	1 January, 1 July
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Every 6 months, or as agreed in writing by the Environment Agency.	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Metal shredding	
Metal treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes
WEEE Treatment	
WEEE treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions 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
Air	Form air 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
Water usage	Form water usage 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
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	08/03/2021
SMW process monitoring -depollution mass balance	SMW depollution mass balance (Appendix D Excel Form) or other form as agreed in writing by the Environment Agency	--
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.

“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)’.

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

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

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

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

“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.

“Independent conformance testing” means independent sampling and testing of residual materials and emission points to confirm whether or not the standards set in the permit for fridge destruction are being fulfilled, carried out by an external laboratory and using accredited methods where they are available.

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

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

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

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

“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 container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“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.

“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.’

“uncontaminated” means scrap metal that does not contain or is contaminated with potentially polluting material.

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

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

“WEEE” means waste electrical and electronic equipment.

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

“year” means calendar year ending 31 December.

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

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

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

Where the following terms appear in the waste code list in Tables S2.2 to S2.8 they have the meaning given below.

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

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

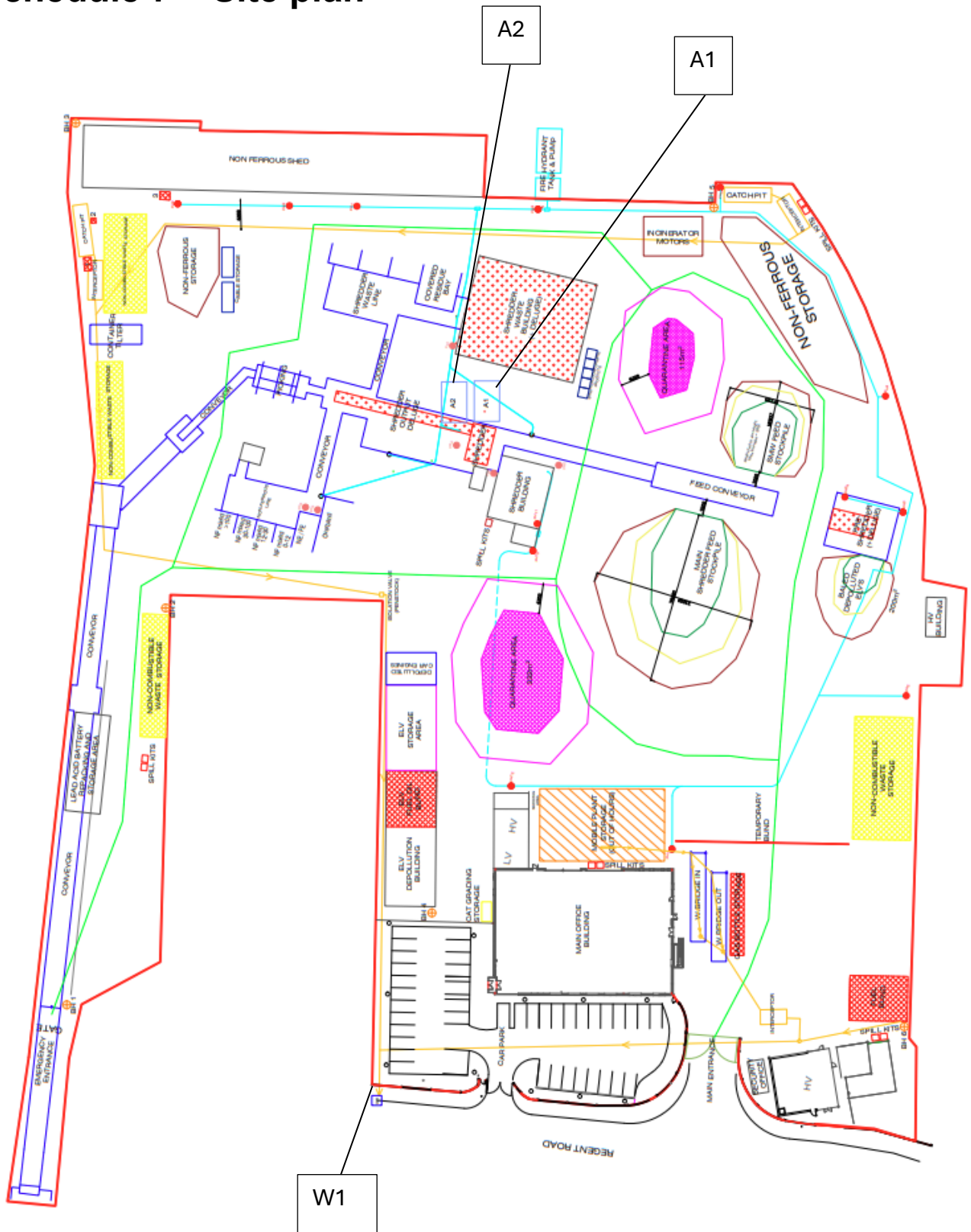
“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that ‘PCBs’ means:

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

“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



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END OF PERMIT

Permit Number: XP3492CL **Operator:** S. Norton & Co. Limited
Facility: S. Norton & Co. Limited **Form Number:** Air1 / DD/MM/YY

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

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]

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

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

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

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

Signed Date.....

(Authorised to sign as representative of Operator)

Permit Number: XP3492CL **Operator:** S. Norton & Co. Limited
Facility: S. Norton & Co. Limited **Form Number:** Sewer1 / DD/MM/YY

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

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed Date.....

(Authorised to sign as representative of Operator)

Permit Number: XP3492CL

Operator: S. Norton & Co. Limited

Facility: S. Norton & Co. Limited

Form Number: WaterUsage1 / DD/MM/YY

Reporting of Water Usage for the year

Water Source	Usage (m³/year)	Specific Usage (m³/unit output)
TOTAL WATER USAGE		

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: **XP3492CL** **Operator:** **S. Norton & Co. Limited**

Facility: **S. Norton & Co. Limited** **Form Number:** **Energy1 / DD/MM/YY**

Reporting of Energy Usage for the year

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: **XP3492CL** **Operator:** **S. Norton & Co. Limited**

Facility: **S. Norton & Co. Limited** **Form Number:** **Performance1 / DD/MM/YY**

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

Parameter	Units

Operator's comments:

Signed

(Authorised to sign as representative of Operator)

Date.....

Permit Number: **XP3492CL** **Operator:** **S. Norton & Co. Limited**

Facility: **S. Norton & Co. Limited** **Form Number:** **Ambient monitoring1 /**
DD/MM/YY

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

Emission Point	Parameter	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]

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

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

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

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

Signed Date.....

(Authorised to sign as representative of Operator)