# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2010

Donald Ward Limited

Land at Griffon Road
Quarry Hill Industrial Estate
Ilkeston
Derbyshire
DE7 4RF

### Variation application number

EPR/DP3793CE/V005

### Permit number

EPR/DP3793CE

# Land at Griffon Road
# Permit number EPR/DP3793CE

## Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

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

The changes introduced by this variation notice are the inclusion of the metal shredding plant in the permit as an activity listed in Schedule 1 of the Environmental Permitting (England and Wales) Regulations (EPR) 2010.

This is due to implementation of the Industrial Emissions Directive which widened the scope of activities to be regulated as Installations.

There are no changes to the metal shredding activities undertaken at the site.

This variation does however include an increase in the boundary of the facility to include land previously used for an exempt activity (to the south east) and land (to the west) which continues to also be used for an exempt activity.

Current waste operations, including vehicle depollution and dismantling, and the treatment, bulking up and transfer of metals (including waste electrical and electronic equipment), will continue to take place at the site.

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** |
| EAWML 43394 (PJ06) (EPR/DP3793CE/A001) | 18/12/97 | Original waste management licence issued to Hemlock Stone Haulage Limited |
| EAWML 43394 (PJ06) (EPR/DP3793CE/T001) | 12/03/03 | Permit transferred to Donald Ward Limited |
| EAWML 43394 (PJ06) modified (ERR/DP3793CE/V002) | 25/05/05 | Varied permit issued to remove the restriction on the quantity of waste deposited at the facility. |
| EAWML 43394 (PJ06) modified (EPR/DP3793CE/V003) | 07/11/08 | Varied permit issued to include the requirements of the Waste Electrical and Electronic Equipment Directive. |
| Environment Agency variation EPR/DP3793CE/V004 | 07/05/09 | Application to replace the amenity conditions in the permit. |
| Variation determined EPR/DP3793CE | 30/07/09 | Varied permit issued. |
| Application EPR/DP3793CE/V005 (variation) | Duly made 10/07/14 | Application to vary to include the metal shredder as a newly prescribed activity listed in Schedule 1 of EPR 2010. |

| Status log of the permit | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Additional information received | 26/08/14 | Confirmation of fire management measures, waste types, compliance with relevant guidance and raw material storage. |
| | 12/09/14 | Confirmation of site boundary, waste types, rainwater management. |
| | 16/09/14 | Updated site drainage plan. |
| | 25/09/14 | Updated site layout plan. |
| Variation determined EPR/DP3793CE (Billing ref.: RP3531VH) | 27/11/14 | Varied permit issued. |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

### Permit number

**EPR/DP3793CE**

### Issued to

**Donald Ward Limited** ("the operator")

whose registered office is

**Rawdon Works**
**Moira Road**
**Woodville**
**Near Burton-on-Trent**
**Derbyshire**
**DE11 8DG**

company registration number 01292288

to operate regulated facilities at

**Land at Griffon Road**
**Quarry Hill Industrial Estate**
**Ilkeston**
**Derbyshire**
**DE7 4RF**

to the extent set out in the schedules.

The notice shall take effect from 27/11/14.

| Name | Date |
|---|---|
| **Claire Roberts** | **27/11/2014** |

Authorised on behalf of the Environment Agency

## Schedule 1

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

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/DP3793CE**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DP3793CE/V005 authorising,

**Donald Ward Limited** ("the operator"),

whose registered office is

**Rawdon Works**
**Moira Road**
**Woodville**
**Near Burton-on-Trent**
**Derbyshire**
**DE11 8DG**

company registration number 01292288

to operate an installation and waste operations at

**Land at Griffon Road**
**Quarry Hill Industrial Estate**
**Ilkeston**
**Derbyshire**
**DE7 4RF**

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

| Name | Date |
|---|---|
| **Claire Roberts** | **27/11/2014** |

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 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 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.

1.2.2 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.

### 1.3 Energy efficiency

1.3.1 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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.

### 1.4 Efficient use of raw materials

1.4.1 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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.

# 2 Operations

## 2.1 Permitted activities

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

2.1.2 For the following activities referenced in schedule 1, table S1.1, A1 to A7, waste authorised by this permit shall be clearly distinguished from any other waste on the site.

## 2.2 The site

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

## 2.3 Operating techniques

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

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 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 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.2 and S2.3; and

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

2.3.4 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 For the following activities referenced in schedule 1, table S1.1, A1 to A7, the operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

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

(b) the composition of the waste;

(c) the handling requirements of the waste;

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

(e) the waste code of the waste.

2.3.6 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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 Technical requirements

### Vehicle depollution and dismantling

2.4.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

### WEEE treatment

2.4.2 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex VIII of the WEEE Directive.

2.4.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRT).

2.4.4 As a minimum, the substances, preparations and components specified in table 2.4 shall be removed from any separately collected WEEE.

**Table 2.4 Substances, preparations and components to be removed from separately collected WEEE**

- Capacitors containing Polychlorinated biphenyls (PCB)
- 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 pasty, 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
- 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
- Electrolytic capacitors containing “substances of concern” (height > 25mm, diameter > 25 mm or proportionately similar volume)

2.4.5 All fluids contained within any WEEE shall be removed prior to further treatment.

2.4.6 Separately collected components of WEEE specified in table 2.5 shall be treated in accordance with the methods specified in that table.

**Table 2.5 Specified Treatment Methods for separately collected components of WEEE**

| Component | Specified Treatment |
|---|---|
| Cathode ray tubes | The fluorescent coating shall be removed |
| Gas discharge lamps | The mercury shall be removed |

2.4.7 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

### Waste battery and accumulator treatment

2.4.8 Treatment of waste batteries and accumulators must meet the minimum requirements set out in Annex III, Part A of Directive 2006/66/EC of the European Parliament and of the Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

### Hazardous waste storage and treatment

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

## 2.5 Improvement programme

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

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

# 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 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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 Pests

3.5.1 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.

3.5.2 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.

# 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 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.

4.2.3 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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 performance parameters set out in schedule 4 table S4.1 using the forms specified in table S4.2 of that schedule.

4.2.4 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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.

## 4.3 Notifications

4.3.1 For the following activities referenced in schedule 1, table S1.1, A1 to A7, in the event:

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

(i) inform the Environment Agency,

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

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

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

(i) inform the Environment Agency, and

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

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

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

4.3.3 For the following activities referenced in schedule 1, table S1.1, A8, the Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.4 Any information provided under condition 4.3.3 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

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

Where the operator is a registered company:

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

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

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

(c) any change in the operator's name or address; and

(d) any steps taken with a view to the dissolution of the operator.

In any other case:

(e) the death of any of the named operators (where the operator consists of more than one named individual);

(f) any change in the operator's name(s) or address(es); and

(g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

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

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

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

## 4.4 Interpretation

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

4.4.2 For the following activities referenced in schedule 1, table S1.1, A8, in this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

4.4.3 For the following activities referenced in schedule 1, table S1.1, A1 to A7, 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** |
| A1 | S5.4 A1 (b) (iv)<br>Recovery of non-hazardous waste with a capacity exceeding 75 tonnes per day involving the treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components. | Treatment in a shredder of metal waste.<br><br>R4 - Recycling/ reclamation of metals and metal compounds. | From receipt of metal waste to storage of shredded materials.<br><br>Waste types as specified in Table S2.2. |
| | **Directly Associated Activity** | | |
| A2 | Storage of wastes. | R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). | Storage of waste prior to input into the fragmentiser for shredding. |
| A3 | Material separation. | Separation of shredded ferrous and non-ferrous materials.<br>R4 - Recycling/ reclamation of metals and metal compounds. | Two drum magnets. |
| A4 | Ferrous metal processing. | Cleaning of shredded ferrous metal and further separation by hand. | Air cleaning system, using a cyclone extractor, and picking station. |
| A5 | Non-ferrous material processing. | Size separation of shredded non-ferrous material.<br>R4 - Recycling/ reclamation of metals and metal compounds.<br>R5 - Recycling/reclamation of other inorganic compounds. | Trommel and eddy current separators. |
| A6 | Storage of wastes. | R13 - Storage of waste pending any of the operations numbered R1 to R12.<br>D15 - Storage of waste pending any of the operations numbered D1 to D14. | Storage of separated non-ferrous and non-metal wastes after processing. |
| A7 | Storage of fuel. | Storage of fuel used for mobile grabs. | Fuel storage tank in North West corner of the site as shown on the site plan in Schedule 7. |
| **Activity** | **Description of activities for waste** | | **Limits of activities** |

| 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** |
| **reference** | **operations** | | |
| A8 | **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).<br>**R4:** Recycling/reclamation of metals and metal compounds.<br>**R5:** Recycling/reclamation of other inorganic compounds.<br>**R7:** Recovery of components used for pollution abatement.<br>**D15:** Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced). | | Treatment operations shall be limited to:<br>• Physical treatment (manual and mechanical) including separation, sorting, screening, crushing, shearing, cutting, dismantling, granulation, grading, compaction and baling for the purpose of recovery;<br>• Depollution of waste motor vehicles and sorting, separation, baling, compacting, or cutting using hand-held equipment only, of waste into different components for recovery;<br>• Sorting, dismantling, separation, screening, grading, baling, shearing, compacting, crushing, granulation, repair or refurbishment, or cutting of waste electrical and electronic equipment into different components for recovery.<br><br>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes.<br><br>There shall be no treatment of fridges (waste codes 16 02 11* and 20 01 23*) other than separation for storage.<br><br>All wastes shall be stored and treated on an impermeable surface with sealed drainage system.<br><br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid to prevent ingress of water.<br><br>Metal filings and turnings shall be stored in containers with an impermeable base and a cover to prevent the ingress of water. No more than 50 tonnes shall be stored at any one time.<br><br>Treatment of WEEE<br>• shall be carried out within a building provided with a weatherproof covering;<br>• shall be carried out on an impermeable surface with sealed drainage system with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers. |

| 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** |
| | | | Storage<br>• WEEE, disassembled spare parts, components or residues shall be stored on an impermeable surface with sealed drainage system with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers;<br>• WEEE, disassembled spare parts, components or residues shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate;<br>• disassembled spare parts containing liquids shall be stored in appropriate containers;<br>• Batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled and appropriate containers.<br><br>Buildings, covered areas or containers shall meet the following requirements:<br>• buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;<br>• containers shall be stored on an impermeable surface with sealed drainage system.<br><br>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.<br><br>Except for waste motor vehicles and WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only, the maximum quantity of hazardous waste received at the site for treatment shall not exceed 10 tonnes per day.<br><br>Except for waste motor vehicles and WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only, the maximum quantity of hazardous waste that can be stored at the site shall not exceed 50 tonnes at any one time. |

| 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** |
| | | | No more than 25 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site.<br><br>Waste types as specified in Table 2.3<br><br>Wastes that are in a form which is either sludge or liquid shall not be accepted.<br>Wastes containing ozone-depleting substances shall be accepted for storage only.<br>Wastes consisting solely or mainly of dusts, powders or loose fibres shall not be accepted except waste codes 12 01 02 and 12 01 04 for which metal dusts, powders or loose fibres can be accepted in accordance with the management system. |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| How to comply with your Environmental Permit. | Part 1 and 3. | n/a |
| Application. | Section III ('Supporting Information') of the application document, excluding Appendix F.3 ('Noise Management Plan') in response to section 3a – technical standards, Part C3 of the application form.<br><br>Appendix 5 – Specific questions for the hazardous and non hazardous waste recovery and disposal sector, Part C3 of the application form. | 30/05/14 |
| Application. | Dust management plan, revision 1.4, dated 08/03/10. | 10/07/14 |
| Response to Schedule 5 Notice dated 28/07/14. | Response to question 5 detailing fire fighting equipment.<br>Response to question 8 detailing waste types.<br>Response to question 11 detailing compliance with Section 10.3.7 of the British Metals Recycling Association's (BMRA) 'BREF Style Report' (BREF, dated January 2013).<br>Responses to questions 14 and 15 detailing storage of raw materials. | 26/08/14 |
| Additional information. | Confirmation of extension of site boundary to include all site drainage areas to emission point S1.<br>Confirmation of wastes types that will be accepted and the management of rainwater that has come into contact with shredded non-ferrous metals. | 12/09/14 |
| | Figure 3 'Site Drainage'. | 16/09/14 |
| | Figure 2 'Site Layout'. | 25/09/14 |

| Table S1.3 Improvement programme requirements |
|---|

| Reference | Requirement | Date |
|---|---|---|
| IC1 | The operator shall submit a written plan to the Environment Agency for approval that includes:<br>(a) proposals to undertake representative monitoring of the surface water discharged from points S1 and S2 including the parameters to be monitored, frequencies of monitoring and methods to be used;<br>(b) confirmation that a written report will be submitted to the Environment Agency for approval that includes:<br>(i) the results of an assessment of the impact of the emissions of surface water from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in (a) above; and<br>(ii) proposals for appropriate measures to mitigate the impact of the emissions where the assessment determines they are significant, including dates for implementation of individual measures.<br>The operator shall implement the measures in (a) and (b) as approved, and from the dates stipulated by the Environment Agency. | 27/02/15 |
| IC2 | The operator shall submit a written plan to the Environment Agency for approval that includes:<br>(a) proposals to undertake representative monitoring of the air discharged from point A2 including the parameters to be monitored, frequencies of monitoring and methods to be used;<br>(b) confirmation that a written report will be submitted to the Environment Agency for approval that includes:<br>(i) the results of an assessment of the impact of the emission to air from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in (a) above; and<br>(ii) proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and<br>(iii) details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant.<br>The operator shall implement the measures in (a) and (b) as approved, and from the dates stipulated by the Environment Agency. | 27/02/15 |
| IC3 | The operator shall submit, to the Environment Agency for approval, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration from the metal shredding facility.<br>The plan shall include, but not be limited to:<br>• identification of sources of noise and vibration and potential receptors;<br>• analysis and assessment of the risks of noise and vibration on the identified receptors;<br>• mitigation measures and operating techniques to be employed for the identified risks.<br>The plan should be prepared with reference to Environment Agency 'Horizontal Guidance for Noise' (H3), the British Metals Recycling Association's 'BREF Style Report' (January 2013) and Sector Guidance Note, S5.06: 'Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste'.<br>The operator shall implement the plan as approved, and from the date | 27/03/15 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| | stipulated by the Environment Agency. | |
| IC4 | The operator shall submit a written management system to the Environment Agency for approval.<br>The management system must confirm that all waste operations (Activity reference A8 in Table S1.1) are undertaken in accordance with Environment Agency Technical Guidance Note: 'How to Comply with your Environmental Permit' and, for hazardous waste, with Sector Guidance Note, S5.06: 'Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste'.<br>The operator shall implement the management system as approved, and from the date stipulated by the Environment Agency. | 27/03/15 |

# Schedule 2 – Waste types, raw materials and fuels

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

| Table S2.2 Permitted waste types and quantities for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Exclusions** | Wastes having any of the following characteristics shall not be accepted:<br>(a) Consisting solely or mainly of dusts, powders or loose fibres;<br>(b) Wastes that are in a form which is either sludge or liquid. |
| **Waste code** | **Description** |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 10 | waste metal |
| **12** | **Wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 99 | sheet metal manufacturing scrap only |
| **15** | **Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes 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 02** | **wastes from electrical and electronic equipment** |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |

| Table S2.2 Permitted waste types and quantities for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Exclusions** | Wastes having any of the following characteristics shall not be accepted:<br>(a) Consisting solely or mainly of dusts, powders or loose fibres;<br>(b) Wastes that are in a form which is either sludge or liquid. |
| **Waste code** | **Description** |
| **16 03** | **off-specification batches and unused products** |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 comprising metallic items |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 04** | **metals (including their alloys)** |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| **17 09** | **other construction and demolition wastes** |
| 17 09 04 | metal from construction and demolition sites with incidental amounts of other materials |
| **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 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes comprising metallic items from aluminium smelting only |
| **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 comprising metallic items |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |

| Table S2.2 Permitted waste types and quantities for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for the treatment of metal in a shredder (Activities A1 to A7 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Exclusions** | Wastes having any of the following characteristics shall not be accepted:<br>(a) Consisting solely or mainly of dusts, powders or loose fibres;<br>(b) Wastes that are in a form which is either sludge or liquid. |
| **Waste code** | **Description** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 40 | metals |
| **20 02** | **garden and park wastes (including cemetery waste)** |
| 20 02 03 | other non-biodegradable wastes comprising metallic items |
| **20 03** | **other municipal wastes** |
| 20 03 01 | mixed municipal waste comprising metallic items |
| 20 03 02 | waste from markets comprising metallic items |
| 20 03 07 | bulky waste comprising metallic items |

| Table S2.3 Permitted waste types and quantities for waste operations (Activity A8 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for waste operations (Activity A8 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Waste code** | **Description** |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 10 | waste metal |
| **12** | **Wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 02 | ferrous metal dust and particles |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 04 | non-ferrous metal dust and particles |
| **15** | **Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |

| Table S2.3 Permitted waste types and quantities for waste operations (Activity A8 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for waste operations (Activity A8 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Waste code** | **Description** |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (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 16 | tanks for liquefied gas |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| **16 03** | **off-specification batches and unused products** |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 comprising metallic items |
| **16 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 16 06 06* | separately collected electrolyte from 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 |
| **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 |

| Table S2.3 Permitted waste types and quantities for waste operations (Activity A8 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for waste operations (Activity A8 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Waste code** | **Description** |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| **17 09** | **other construction and demolition wastes** |
| 17 09 04 | metal from construction and demolition sites with incidental amounts of other materials |
| **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 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes comprising metallic items only |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| **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 comprising metallic items |
| **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 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 40 | metals |
| **20 02** | **garden and park wastes (including cemetery waste)** |
| 20 02 03 | other non-biodegradable wastes comprising metallic items |
| **20 03** | **other municipal wastes** |

| Table S2.3 Permitted waste types and quantities for waste operations (Activity A8 in Table S1.1) | |
|---|---|
| **Maximum quantity** | The total quantity of waste accepted for waste operations (Activity A8 in Table S1.1) shall be less than 300,000 tonnes a year |
| **Waste code** | **Description** |
| 20 03 01 | mixed municipal waste comprising metallic items |
| 20 03 02 | waste from markets comprising metallic items |
| 20 03 07 | bulky waste comprising metallic items |

# 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** | **Monitoring standard or method** |
| A1 on site plan in Schedule 7 | Cyclone extraction system | Particulate matter | - | - | - | - |
| A2 on site plan in Schedule 7 | Plant cooling system | Steam | - | - | - | - |

| 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** | **Parameter** | **Source** | **Limit (incl. Unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| S1 on site plan in Schedule 7 emission to Severn Trent Water Trowell Sewage Treatment Works | Metals, suspended solids and oil | Process water and site surface water drainage | - | - | - | - |
| S2 on site plan in Schedule 7 emission to Severn Trent Water Trowell Sewage Treatment Works | Metals, suspended solids and oil | Process water and site surface water drainage | - | - | - | - |

# Schedule 4 – Reporting

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

| **Table S4.1 Performance parameters** | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Water usage | Annually | tonnes |
| Energy usage | Annually | MWh |
| Total raw material used | Annually | tonnes |

| **Table S4.2 Reporting forms** | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Water usage | Form water usage 1 or other form as agreed in writing by the Environment Agency | 27/11/14 |
| Energy usage | Form energy 1 or other form as agreed in writing by the Environment Agency | 27/11/14 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by the Environment Agency | 27/11/14 |

# 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 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

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

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

“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).

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

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

*“compacting”* means compacting involving the flattening or crushing of compactable metal wastes (typically depolluted end-of-life vehicles) 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 using hand-held equipment”* means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter tool 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).

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

*“depollution”* means the minimum technical requirements for the treatment of end-of-life vehicles as set out in Annex I (3) of the End-of-Life Vehicles Directive (2000/53/EC), namely:

• 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.

“disposal” means any of the operations provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

“End-of-Life Vehicles Directive” means Directive 2000/53/EC of the European Parliament and Council of 18 September 2000 on end-of-life vehicles.

*“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.

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“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).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

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

“pests” means Birds, Vermin and Insects.

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

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

“recovery” means any of the operations provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*“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/recycled appropriately. It may involve separation of different waste types or the separation of different metal types including:

• different ferrous metals;

• non-ferrous metals;

• non-metallic materials (e.g. paper and plastic).

The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005 and in relation to hazardous waste, includes the asterisk.

*“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).

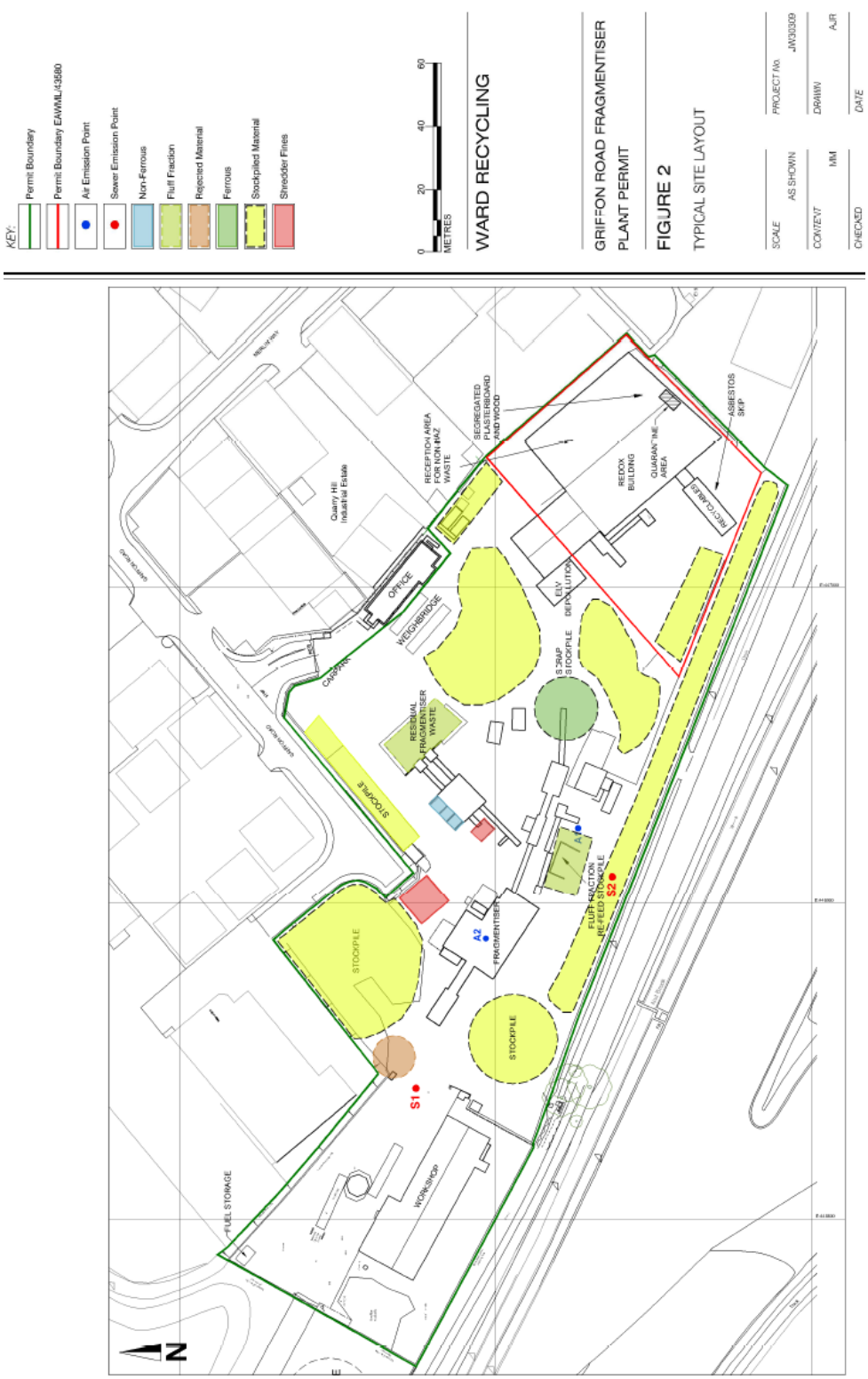
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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.

# Schedule 7 – Site plan




END OF PERMIT