



## **Permit**

The Environmental Permitting (England & Wales) Regulations 2007

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**White Park Recycling Centre**

**Forward Environmental Limited  
Units 1 & 3 White Park  
Station Road  
Halfway  
Sheffield  
S20 3GS**

**Permit number**

**EPR/CP3790SP**

**Permit**

The Environmental Permitting (England and Wales) Regulations 2007

## Permit

Permit number  
**EPR/CP3790SP**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007

**Forward Environmental Limited** ("the operator"),  
whose registered office is

**White Park  
WHS Offices  
Station Road  
Halfway  
Sheffield  
S20 3GS**

company registration number **05546932**

to operate a standard facility described in standard rules **SR2008No23\_5kte** at


**White Park Recycling Centre  
Units 1 & 3, White Park  
Station Road  
Halfway  
Sheffield  
S20 3GS**

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

Under regulation 27(2) of the Regulations, standard rules **SR2008No23\_5kte** are conditions of this permit.

Name **Maxine Evans**

Date

	<b>25 November 2008</b>
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Authorised on behalf of the Agency

## **Standard rules SR2008No23\_5kte – waste electrical and electronic equipment authorised treatment facility (ATF) excluding ozone-depleting substances**

### **Introductory note**

This introductory note does not form part of these standard rules

When referred to in an environmental permit, these rules will allow the operator to operate a Waste Electrical and Electronic Equipment (WEEE) authorised treatment facility at a specified location. The total quantity of waste that can be accepted at a site under these rules must be less than 5,000 tonnes a year. The rules will not permit the acceptance or treatment of WEEE containing ozone-depleting substances. The treatment and storage of WEEE must meet the technical requirements of the WEEE Directive (2002/96/EC as amended by 2003/108/EC). Treatment of WEEE must be carried out using Best Available Treatment, Recovery and Recycling Techniques (BATRRRT). Guidance on BATRRRT is provided in the document "Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRRT) and treatment of Waste Electrical and Electronic Equipment (WEEE)" published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive.

WEEE treatment must be carried out inside a building. The permitted activities must not be carried out within 200 metres of a European Site<sup>1</sup>, Ramsar site or a Site of Special Scientific Interest (SSSI). These rules will also not permit the burning of any wastes, either in the open, inside buildings or in any form of incinerator.

These rules do not allow any point source emission into surface waters or groundwater. However:

- Liquids may be discharged into a sewer subject to a consent issued by the local water company.
- Liquids may be taken off-site in a tanker for disposal or recovery.
- Clean surface water from roofs, or from areas of the site that are not being used in connection with storing and treating waste, may be discharged directly to surface waters, or to groundwater by seepage through the soil via a soakaway.

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<sup>1</sup> A candidate or Special Area of Conservation (cSAC or SAC) and proposed or Special Protection Area (pSPA or SPA) in England and Wales.

**End of introductory note**

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# Rules

## 1 – Management

### 1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 1.1.2 Records demonstrating compliance with rule 1.1.1 shall be maintained.
- 1.1.3 Any persons having duties that are or may be affected by the matters set out in these standard rules 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 or shall hold an appropriate certificate of technical competence or other approval issued by the Agency.

### 1.2 Accident management plan

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
  - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
  - (c) make any appropriate changes to the plan identified by a review.

## 2 – Operations

### 2.1 Permitted activities

- 2.1.1 The operator is authorised to carry out the activities specified in table 2.1 below ("the activities").

Description of activities	Limits of activities
<p><b>R13:</b> Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents</p> <p><b>R4:</b> Recycling/reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/reclamation of other inorganic materials</p> <p><b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, or cutting of waste into different components for recovery.</p> <p>The capacity of the site for hazardous waste subject to an R5 activity shall not exceed 10 tonnes per day.</p> <p>Wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.</p> <p>The maximum quantity of hazardous waste received at the site for disposal shall not exceed 10 tonnes per day.</p> <p>The maximum quantity of hazardous waste stored at the site for disposal shall not exceed 10 tonnes.</p>

## 2.2 Waste acceptance

### 2.2.1 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in table 2.2 below; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

Table 2.2 Waste types and quantities	
<p><b>Maximum Quantities</b></p> <p>The total quantity of waste accepted at the site shall be less than 5,000 tonnes a year.</p>	
<p><b>Exclusions</b></p> <p>Wastes having any of the following characteristics shall not be accepted:</p> <ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Containing ozone-depleting substances</li> </ul>	
<b>Waste Code</b>	<b>Description</b>

09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
15 01 06	mixed packaging
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02.13
16 02 15*	hazardous components removed from removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 06 01*	lead batteries
16 06 02*	Ni-Cad batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
20 01 21*	fluorescent tubes and other mercury-containing waste
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

## 2.3 The site

- 2.3.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan attached to the permit.
- 2.3.2 The activities shall not be carried out within 200 metres of a European Site or a SSSI.

## 2.4 Technical requirements

- 2.4.1 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.
- 2.4.2 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).
- 2.4.3 As a minimum, the substances, preparations and components specified in table 2.3 shall be removed from any separately collected WEEE.

**Table 2.4 Specific Treatment Methods for separate collected components of 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)

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

2.4.5 Separately collected components of WEEE specified in table 2.4 shall be treated in accordance with the methods specified in that table.

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

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

### 3 – Emissions and monitoring

#### 3.1 Emissions to air, water or land

3.1.1 There shall be no point source emissions to air, water or land.

## 3.2 Fugitive emissions of substances

- 3.2.1 Fugitive emissions of substances (excluding odour and noise) shall not cause pollution. The operator shall not be taken to have breached this rule if appropriate measures, including those specified in Table 3.2 below and any approved fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

Table 3.2: Appropriate measures for fugitive emissions	
Measures	
1.	<p>Treatment of WEEE</p> <ul style="list-style-type: none"><li>• shall be carried out within a building provided with a weatherproof covering;</li><li>• 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.</li></ul>
2.	<p>Storage</p> <ul style="list-style-type: none"><li>• 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;</li><li>• 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;</li><li>• disassembled spare parts containing liquids shall be stored in appropriate containers;</li><li>• Batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled and appropriate containers</li></ul>
3.	<p>Buildings, covered areas or containers shall meet the following requirements:</p> <ul style="list-style-type: none"><li>• buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;</li><li>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;</li><li>• containers shall be stored on an impermeable surface with sealed drainage system.</li></ul>

- 3.2.2 The operator shall:

- (a) if notified by the Agency that the activities are giving rise to pollution, submit to the Agency for approval within the period specified, a fugitive emissions management plan;
- (b) implement the approved fugitive emissions management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

- 3.2.3 All liquids, 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 annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including 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:



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- (a) if notified by the Agency that the activities are giving rise to annoyance outside the site due to odour, submit to the Agency for approval within the period specified, an odour management plan;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the 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 annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including 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 The operator shall:
  - (a) if notified by the Agency that the activities are giving rise to annoyance outside the site due to noise and vibration, submit to the Agency for approval within the period specified, a noise and vibration management plan;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

### **3.5 Pests**

- 3.5.1 Scavenging animals, scavenging birds and other pests shall not cause nuisance, unless the operator has used appropriate measures to prevent or where that is not practicable, to minimise, such nuisance.

## **4 – Information**

### **4.1 Records**

- 4.1.1 All records required to be made by these standard rules 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 by the 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 land and groundwater.
- 4.1.2 All records, plans and the management system required to be maintained by these standard rules shall be held on the site.

### **4.2 Reporting**

- 4.2.1 All reports and notifications required by these standard rules shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.2 Within one month of the end of each quarter, the operator shall submit to the 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.

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## 4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in these standard rules; or
  - (c) any significant adverse environmental effects.
- 4.3.2 Written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.
- 4.3.3 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Agency shall be notified within 14 days of the occurrence of the following matters except where such disclosure is prohibited by Stock Exchange rules:
- a) Where the operator is a registered company:
    - any change in the operator's trading name, registered name or registered office address
    - any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
    - any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
  - b) Where the operator is a corporate body other than a registered company:
    - any change in the operator's name or address; and
    - any steps taken with a view to the dissolution of the operator.
  - c) In any other case:
    - the death of any of the named operators (where the operator consists of more than one named individual); and
    - 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 them being in a partnership, dissolving the partnership.

## 4.4 Interpretation

- 4.4.1 In these standard rules the expressions listed below shall have the meaning given.
- 4.4.2 In these standard rules references to reports and notifications mean written reports and notifications, except when reference is being made to notification being made "without delay", in which case it may be provided by telephone.

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

*"authorised officer"* means any person authorised by the 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.

*"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 (BATRR) 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.

# Schedule 1 - Site plan

This is the plan referred to in rule 2.3.1 of standard rules SR2008No23\_5kte

