

## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Tafarnaubach Waste Facility

Envirowales Limited  
Unit 5 Tafarnaubach Industrial Estate  
Tafarnaubach  
Tredegar  
NP22 5AA

Permit number  
EPR/GP3337KD

# Tafarnaubach Waste Facility

## Permit Number EPR/GP3337KD

### Introductory note

#### ***This introductory note does not form a part of the permit***

The main features of the facility are as follows. Wastes generated by Envirowales' battery breaking facility at the neighbouring Rassau Industrial Estate require further treatment prior to disposal or recycling. The site at Tafarnaubach will handle:

Furnace slag, which will be crushed to reduce the particle size to meet the specifications of the final disposal site.

Drosses, which contain a significant amount of lead and other metals and impurities and will be sorted for further recycling.

Plastics, which will be stored when quantities exceed the space available at the Rassau site prior to further recycling.

Waste domestic/portable batteries, which require sorting to remove any batteries which can't be recycled at the Rassau site. Batteries are returned to the Rassau site for processing or disposal.

There will be no point source emissions to any media.

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

<b>Status Log of the permit</b>		
<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
Application EPR/GP3337KD/A001	Duly made 22/02/10	
Additional Information Received		23/04/10
Additional Information Received		11/05/10
Permit determined EPR/GP3337KD	24/05/10	

End of Introductory Note

## Permit

Permit number

**EPR/GP3337KD**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**Envirowales Limited** ("the operator"),

Whose registered office is

**Faulkner House**

**Victoria Street**

**St Albans**

**Hertfordshire**

**AL1 3SE**

company registration number **04296277**

to operate a facility comprising an installation and waste operations at

**Unit 5**

**Tafarnaubach Industrial Estate**

**Tredegar**

**Blaenau Gwent**

**NP22 5AA**

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

Name	Date
<i>M. A. Bischer</i>	24/05/10

M. Bischer, Principal Permitting Team Leader, National Permitting Service

Authorised on behalf of the Environment Agency

# Conditions

## 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 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 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.

### 1.3 Energy efficiency

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1) the operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 4 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) 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 4 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.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1. For the following activities referenced in schedule 1, table S1.1 (A1) the operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **2 Operations**

## **2 Operations**

### **2.1 Permitted activities**

- 2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities")
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

### **2.3 Operating techniques**

- 2.3.1 (a) 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.  
  
(b) 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 specified in schedule 1, table S1.2 or otherwise required under this permit, 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.
- 2.3.2 Waste shall only be accepted if:
  - (a) it is of a type and quantity listed in schedule 3 tables S3.1, S3.2, S3.3 and S3.4;

- (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.3 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 hazard classification associated with the waste; and
  - (e) the waste code of the waste.
- 2.3.4 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.

## **Waste battery and accumulator treatment**

- 2.3.5 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.

## **2.4 Improvement programme**

- 2.4.1 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.
- 2.4.2 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.

## **2.5 Pre-operational conditions**

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

# **3 Emissions and monitoring**

## **3.1 Fugitive emissions of substances**

- 3.1.1 Fugitive emissions of substances (excluding odour, noise and vibration) 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 fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.1.2 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, 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 Environment Agency.

3.1.3 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.

## **3.2 Odour**

3.2.1 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.

3.2.3 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;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.3 Noise and vibration**

3.3.1 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.

3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment 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 Environment Agency.

## **3.4 Monitoring**

3.4.1 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.

# **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 All records, plans and the management system required to be maintained by this permit shall be held on the site where practicable, or other location agreed in writing and controlled by the operator.

## 4.2 Reporting

4.2.1 All reports and notifications required by the permit shall be sent to the Environment Agency using the contact details supplied in writing by the Environment Agency

4.2.2 For the following activities referenced in schedule 1, table S1.1 (A1 only) 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 5 table S5.2; and
- (c) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule.

4.2.3 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Environment Agency, within 6 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.

4.2.4 Within 1 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 The Environment 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 the permit; or
- (c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 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 is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

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

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

## **4.4 Interpretation**

4.4.1 In this permit the expressions listed in schedule 7 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 "without delay", in which case it may be provided by telephone.

# Schedule 1 - Operations

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
A1	5.3A(1)(a)	D9 – Physico-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.). D15 – storage pending disposal of hazardous waste	From receipt of slag to transport from site including storage for up to six months within the building, crushing and despatch. Waste types and quantities as defined in Table 3.1 Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.
		<b>Description of activities for waste operations</b>	<b>Limits of activities</b>
A2		R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of drosses to transport from site including storage for up to six months within the building, sorting and despatch. Waste types and quantities as defined in Tables 3.2. Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.
A3		R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of plastic to transport from site including storage for up to six months within the building, sorting and despatch. Waste types and quantities as defined in Table 3.2. Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.
A4		R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of batteries to transport from site including storage for up to six months within the building, sorting and despatch. Waste types and quantities as defined in Table 3.4. Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application form	Part B responses to questions 7a, 9b, 9e, 9f including documents EWS – 7A01, EWS – 9B.01, EWS – 9E.01, EWS – 9F.01 Part B Appendix 6 responses to questions 1, 2, 3, 4 including documents EWS – APP6.01, EWS – APP6.02, EWS – APP6.03, EWS – APP6.04.	22/02/10
Further information	Points 2, 3 (including document reference TWF-SOP-001), 6, 8, 10, 11, 12	23/04/10
Further information	E-mail 'draft permit'	11/05/10

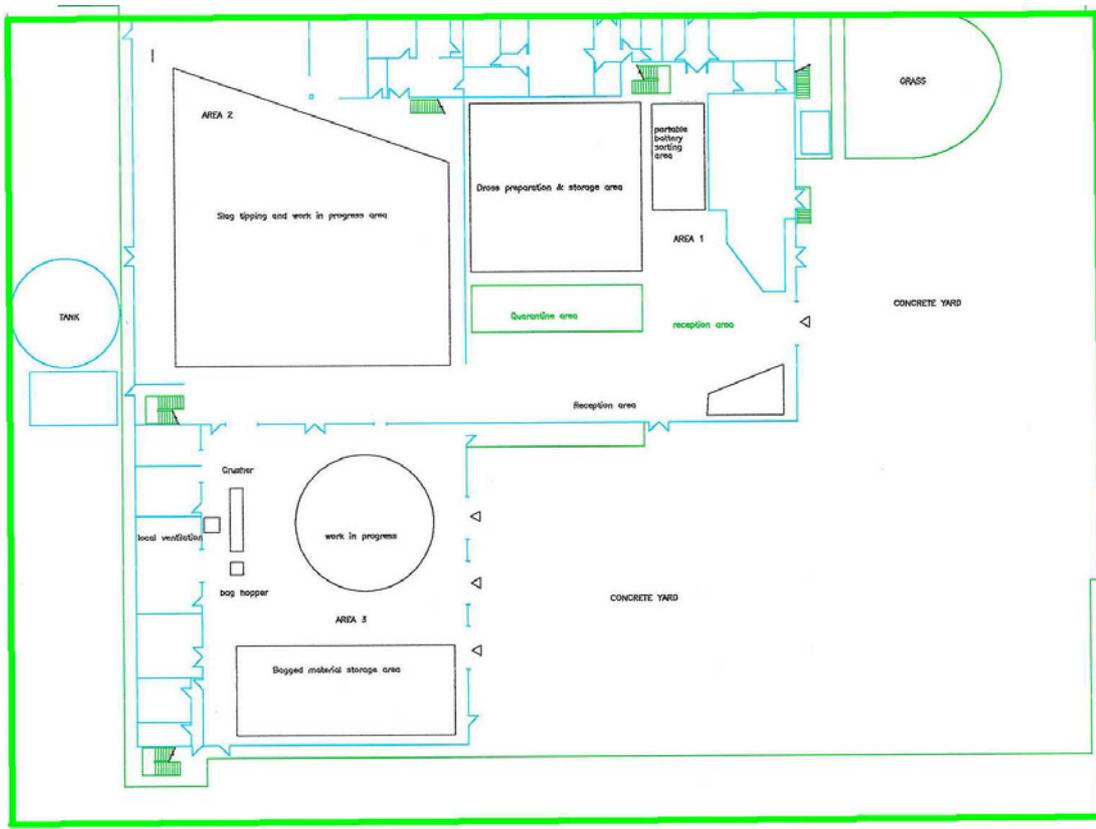
**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	Submit a written commissioning report to the Environment Agency for approval. The report shall include a review of all measures in place to minimise emission to the environment. Where deficiencies are identified, the report must contain dates for the implementation of individual improvements. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report.	01/09/10
IC2	Submit a written noise assessment to the Environment Agency for approval. The report shall be written in accordance with BS4142 (1997) and the Horizontal Guidance Note IPPC H3 Part 2 Noise Guidance and include a tonal assessment using 1/3 octave and narrow band frequency analysis. Should the report conclude that noise is likely to cause complaints, the assessment must contain dates for the implementation of individual improvements. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the assessment.	01/12/10
IC3	Submit a written site closure plan to the Environment Agency for approval having regard to the Environment Agency's guidance note H5 'Site Condition Report – Guidance and Templates'. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.	01/02/11
IC4	Submit written proof to the Environment Agency that the environment management system has achieved external accreditation. The management system shall have regard to Section 2.3 of Environment Agency Guidance Document S5.06 'Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste'.	01/02/12

**Table S1.4 Pre-operational measures**

<b>Reference</b>	<b>Pre-operational measures</b>
PM1	<p>Prior to transfer of any waste, the Operator shall submit a report detailing that all pollution prevention measures described in the permit application are in place also having regard to Sector Guidance Note 5.06 'Guidance on the Recovery and Disposal of Hazardous Waste'. This shall include:</p> <ul style="list-style-type: none"><li>▪ Methods to prevent escape of particulate matter to atmosphere including sealing roof and wall vents and installation of plastic curtains over entry points.</li><li>▪ Methods to prevent release of substances to land including installation of berms and repair of defects in the floor.</li></ul> <p>The report shall be approved by the Environment Agency in writing.</p>
PM2	<p>At least two weeks prior to operation of the slag crusher, the Operator shall submit a report detailing that the HEPA filter in the grinding room and the water mist spray device have been commissioned and installed. The slag crusher shall be commissioned no later than nine months after permit issue.</p>
PM3	<p>Provide a scheduled maintenance programme for all environmentally critical items of plant including the HEPA filter for approval by the Environment Agency. The schedule shall include tasks and frequencies to ensure protection of the environment.</p>
PM4	<p>Provide an inspection and cleaning regime for approval by the Environment Agency for all primary, secondary and tertiary containment and external areas to check for release of any pollutant to all environmental media including noise. The regime shall include tasks and frequencies to ensure protection of the environment.</p>

## Schedule 2 - Site plan



## Schedule 3 - Waste types, raw materials and fuels

**Table S3.1 Permitted waste types and quantities of slag for crushing and storage**

<b>Maximum quantity</b>	Maximum storage capacity of slag – 7500 tonnes. Maximum quantity accepted in 1 year – 10 000 tonnes.
<b>Waste code</b>	<b>Description</b>
10 04 01*	Slag

**Table S3.2 Permitted waste types and quantities of drosses for sorting, repackaging and storage**

<b>Maximum quantity</b>	Maximum storage capacity of drosses – 5000 tonnes. Maximum quantity accepted in 1 year – 10 000 tonnes.
<b>Waste code</b>	<b>Description</b>
10 04 02*	Drosses
10 04 04	Flue-gas dust
10 04 05	Other particulates and dust
10 04 06	Solid wastes from gas treatment

**Table S3.3 Permitted waste types and quantities of plastics for storage**

<b>Maximum quantity</b>	Maximum storage capacity of plastics – 250 tonnes. Maximum quantity accepted in 1 year – 3 000 tonnes.
<b>Waste code</b>	<b>Description</b>
19 12 04	Plastics

**Table S3.4 Permitted waste types and quantities of batteries for sorting, repackaging and storage**

<b>Maximum quantity</b>	Maximum storage capacity of batteries – 250 tonnes. Maximum quantity accepted in 1 year – 250 tonnes.
<b>Waste code</b>	<b>Description</b>
20 01 33	Mixed batteries
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

## **Schedule 4 – Emissions and monitoring**

There are no emission limits or associated monitoring requirements.

## Schedule 5 - Reporting

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

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage (slag crushing activity only)	Annually	tonnes
Energy usage (slag crushing activity only)	Annually	MWh

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Water usage (slag crushing activity only)	Form Water Usage1 or other form as agreed in writing by the Environment Agency	24/05/10
Energy usage (slag crushing activity only)	Form Energy 1 or other form as agreed in writing by the Environment Agency	24/05/10
Tonnes of slag crushed and removed from site	Form Performance 1 or other form as agreed in writing by the Environment Agency	24/05/10

## Schedule 6 - 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 fugitive emission 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	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of Envirowales Ltd.

## Schedule 7 - Interpretation

“*accident*” means an accident that may result in pollution.

“*Annex IIA*” means Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

“*annually*” means once every year.

“*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.

“*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);

“*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.

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

“*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.

“*EP Regulations*” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“*fugitive emission*” means an emission to air, water or land from the activities from a localised or diffuse source which is not controlled by an emission limit.

“*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 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).

“*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.

“*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 IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 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.

“*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.

“*WFD*” means Waste Framework Directive (Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste).

“*year*” means calendar year ending 31 December.

END OF PERMIT

Permit Number:   EPR/GP3337KD

Operator:   Envirowales Ltd

Facility:   Tafarnaubach Waste Facility

Form Number:   WaterUsage1 / 24/05/10

**Reporting of Water Usage for the year 2010**

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water		
<b>TOTAL WATER USAGE</b>		

Operator's comments :

Signed .....  
(authorised to sign as representative of Operator)

Date.....

Permit Number: EPR/GP3337KD

Operator: Envirowales Ltd

Facility: Tafarnaubach Waste Facility

Form Number: Energy1 / 24/05/10

### Reporting of Energy Usage for the year 2010

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Diesel Oil	tonnes		

\* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments :

Signed .....  
(Authorised to sign as representative of Operator)

Date.....

Permit Number: EPR/GP3337KD

Operator: Envirowales Ltd

Facility: Tafarnaubach Waste Facility

Form Number: Performance1 /24/05/10

**Reporting of other performance indicators for the period 24/05/10 to 24/05/10**

Parameter	Units
Total tonnes of slag crushed	tonnes
Tonnes of slag crushed/tonnes slag arrived on site	%

Operator's comments :

Signed .....  
(Authorised to sign as representative of Operator)

Date.....