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Naturiol**  
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**Natural  
Resources**  
Wales

## **Permit with introductory note**

The Environmental Permitting (England & Wales) Regulations 2010

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Recresco Limited

Cwmbran Glass Recovery Facility  
Unit 60  
Springvale Industrial Estate  
Cwmbran  
NP44 5BE

Permit number  
EPR/DB3797TC

# **Cwmbran Glass Recovery Facility**

## **Permit number EPR/DB3797TC**

### **Introductory note**

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

The main features of the permit are as follows.

This permit allows the operator to operate a glass recycling facility at the specified location. The activities will include manual sorting, separation, grading, air drying, crushing, density separation, optical sorting and mechanical separation for the purpose of recovery and disposal.

Incoming waste shall be stored on hard standing under a canopy. Discharge shall only be made to the foul sewer.

All treatment activities will take place within a building on an impermeable surface with a sealed drainage system.

Recovered waste will be stored within a building with a sealed drainage system.

The total quantity of waste that can be accepted and subsequently treated at the site shall not exceed 220,000 tonnes per year.

Rainfall dependent water from roofs, and from areas of the site that are not being used in connection with storing and treating waste, shall be discharged into sewer.

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>Description</b>   | <b>Date</b>           | <b>Comments</b>  |
| Application<br>EPR/DB3797TC/A001   | Duly made<br>21/10/13 | Application from Recresco Limited for a tier 3 bespoke permit for glass recycling facility.  |
| Additional information received in response to a Schedule 5 notice sent 05/12/2013 | 10/01/2014            | Confirmation of the nature of the facility, site infrastructure details, amended site specific risk assessment and fugitive emissions management plan. |
| Additional information received in response to a Schedule 5 notice sent 05/12/2013 | 25/02/2014            | Discharge authorisation notification and odour management plan received.   |
| Permit determined<br>EPR/DB3797TC  | 20/03/2014            | Tier 3 bespoke permit for glass recycling issued to Recresco Limited.  |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/DB3797TC**

The Natural Resources Body for Wales (“Natural Resources Wales”) authorises,  
under regulation 13 of the Environmental Permitting (England and Wales)  
Regulations 2010

**Recresco Limited** (“the operator”),

whose registered office is

**Lane End**  
**Urban Road**  
**Kirkby in Ashfield**  
**Nottinghamshire**  
**NG17 8AP**

company registration number **04066165**

to operate waste operations at

**Cwmbran Glass Recovery Facility**  
**Unit 60**  
**Springvale Industrial Estate**  
**Cwmbran**  
**NP44 5BE**

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

| Name        | Date            |
|-------------|-----------------|
| Holly Noble | <b>20/03/14</b> |

Authorised on behalf of Natural Resources Wales

# 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.

## 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”).

### 2.2 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 (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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1 [, S2.2 etc]; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

## **3 Emissions and monitoring**

### **3.1 Emissions of substances not controlled by emission limits**

- 3.1.1 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.
- 3.1.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 3.1.3 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.

## **3.2 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 Natural Resources Wales, 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 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

## **3.4 Pests**

- 3.4.1 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.
- 3.4.2 The operator shall:
- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales 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 Natural resources Wales.

# **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 Natural Resources Wales, 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 Natural Resources Wales.

## **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.

## **4.3 Notifications**

- 4.3.1 Natural Resources Wales 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.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.



# Schedule 1 - Operations

**Table S1.1 Activities**

|   | Description of activities for waste operations | Limits of activities   |
|---|--|--|
| <b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) |  | Treatment of wastes listed in Table S1.2 consisting only of: <ul style="list-style-type: none"> <li>• grading</li> <li>• separating</li> <li>• air drying</li> <li>• crushing</li> <li>• density separation</li> <li>• optical sorting</li> <li>• mechanical separation of waste into different components for the purpose of recovery or disposal.</li> </ul>   |
| <b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)-       |  |  |
| <b>R4:</b> Recycling/reclamation of metals and metal compounds  |  |  |
| <b>R5:</b> Recycling/reclamation of other inorganic materials   |  | All treatment activities shall take place within a building on an impermeable surface with a sealed drainagesystem.  |
| <b>D14:</b> Repackaging prior to submission to any of the operations numbered D01 to D13  |  | Incoming waste shall be stored within a external storage bay under a canopy on site for a maximum of two weeks.  |
| <b>D15:</b> Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).          |  | Only wastes consisting of inert material from glass processing may be stored outside of the building.  |
|   |  | Waste types specificed in Schedule 2 Table S2.1.   |
|   |  | Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> <li>- Consisting solely or mainly of dusts, powders or loose fibres</li> <li>- Wastes that are in a form which is either sludge or liquid</li> <li>- Wastes consisting of or contaminated with Japanese Knotweed</li> <li>- Wastes consisting of or contaminated with materials or substances which may pollute surface and/or groundwater and land.</li> </ul> |

**Table S1.2 Operating techniques**

| Description  | Parts | Date Received |
|--|-------|---------------|
| Technical Guidance<br>Note: How to comply with your environmental permit | All   | N/A           |

**Table S1.2 Operating techniques**

| <b>Description</b>   | <b>Parts</b>   | <b>Date Received</b> |
|--|--|----------------------|
| Response to request for additional information dated 05/12/2013 (document reference JAS7507) | Response to the queries ; <ul style="list-style-type: none"> <li>• confirmation of the nature of the proposed facility</li> <li>• revised site specific risk assessment (Appendix A)</li> <li>• fugitive emissions management plan (Appendix B)</li> <li>• clarification of the site infrastructure</li> <li>• noise risk assessment (Appendix A)</li> </ul> | 10/01/2014           |
| Response to request for additional information following a site visit dated 12/02/2014       | Response to the Odour Management Plan request ;<br>Odour Management Plan (Ref: JAS7507)  | 24/02/2014           |
| Response to request for additional information dated 05/12/2013                              | Response to drainage and discharge query ;<br>water discharge authorisation letter   | 25/02/2014           |

## Schedule 2 - Waste types, raw materials and fuels

**Table S2.1 Permitted waste types and quantities for glass recycling facility**

Maximum quantity      Maximum quantity of waste accepted on site shall not exceed 220,000 tonnes per annum.

| Waste code   | Description  |
|--------------|--|
| <b>15</b>    | <b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>  |
| <b>15 01</b> | <b>packaging (including separately collected municipal packaging waste)</b>  |
| 15 01 06     | mixed packaging (glass derived only)   |
| 15 01 04     | metallic packaging   |
| 15 01 07     | glass packaging  |
| <b>19</b>    | <b>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</b> |
| <b>19 12</b> | <b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>  |
| 19 12 05     | glass  |
| 19 12 12     | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (glass derived only)                                 |
| <b>20</b>    | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>                                 |
| <b>20 01</b> | <b>separately collected fractions (except 15 01)</b>   |
| 20 01 02     | glass  |

## **Schedule 3 – Emissions and monitoring**

There are no emission limits or associated monitoring requirements.

## **Schedule 4 - Reporting**

There is no reporting under this schedule.

## 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**

| <b>To be notified within 24 hours of detection</b>               |  |
|--|--|
| 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**

| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |  |
|---|--|
| 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                       |  |

| 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.  |  |

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

\* 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.

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

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

*"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 Natural Resources Wales 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.

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

*"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.

*"emissions to land"* includes emissions to groundwater.

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

*"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.

*"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.

*"groundwater protection zones 1 and 2"* have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

*"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).

*"quarter"* means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

*"Pests"* means Birds, Vermin and Insects.

*"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.

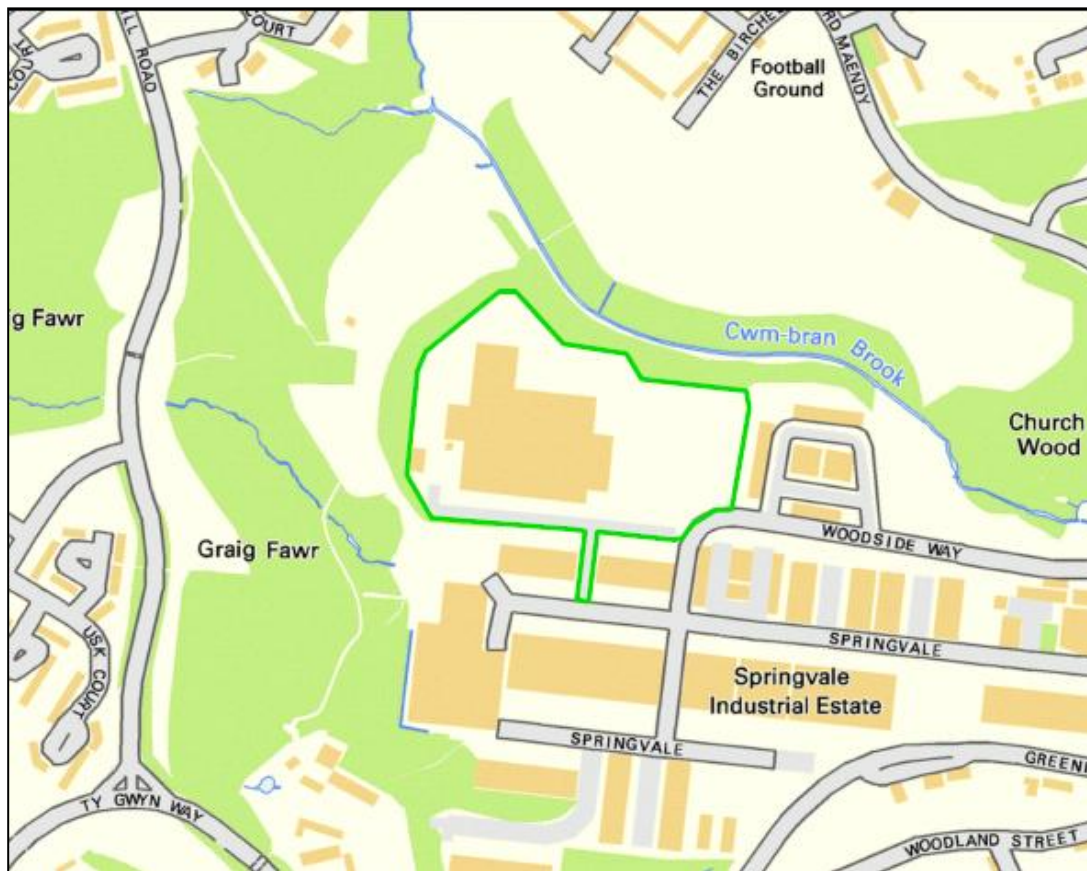
*"Waste code"* means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

*"Waste Framework Directive" or "WFD"* means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

*"year"* means calendar year ending 31 December.



## Schedule 7 - Site plan



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END OF PERMIT



