



**Cyfoeth  
Naturiol**  
Cymru  
**Natural  
Resources**  
Wales

## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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Tip Top Toilets Limited

Tip Top Toilets Waste Transfer Station

Fedw Hir

Abedare

Llwydcoed

CF44 0DX

Permit number

EPR/BB3098HH

# Tip Top Toilets Waste Transfer Station

## Permit number EPR/BB3098HH

### Introductory note

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

The main features of the permit are as follows.

This is a Tier 3 bespoke permit for a waste transfer station.

Treatment operations are limited to storage and bulking up of chemical toilet waste from used welfare units, such as portaloos, that are hired out.

Used welfare units go to a separate wash down unit on site that uses a steam cleaner, jet washer, water and additional chemicals to clean the hired out units between each use. Whilst this aspect is not considered as a waste treatment activity, it is part of the overall waste management activity and therefore pollution prevention requirements have been incorporated into Table S1.2.

Treatment is for disposal. Treatment may be by either manual and/or mechanical methods.

All storage and treatment must take place on impermeable surface with sealed drainage. The waste is to be stored in sealed containers in a bunded area, and the washing down of used welfare units must be done on impermeable surface which drains to a sealed impermeable bunded tank.

Permitted waste types are septic tank sludge consisting of chemical toilet waste only.

The maximum quantity of waste accepted and processed on site shall not exceed 1380 tonnes per year. This is the equivalent of 1,500,000 litres, using a conversion factor of 1 tonne = 0.92 m<sup>3</sup>. This does not include the waste produced from the wash down activity as this is waste produced on site.

This permit does not allow any point source emission into surface waters or groundwater except:

- clean, rainfall dependant drainage from areas of the site not used in connection with the storage and/or treatment of waste

There are to be no emissions to surface and/or groundwater from the buildings on site.

All emissions from the activity which are not controlled via actual emission limits, are controlled through the 'emission of substances not controlled by emission limits condition' and any all relevant process requirements set out in Tables S1.1 and S1.2.

The burning of any wastes, either in the open, inside buildings or in any form of incinerator is not permitted.

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

**Status log of the permit**

| <b>Description</b>   | <b>Date</b>           | <b>Comments</b>   |
|--|-----------------------|---|
| Application<br>EPR/BB3098HH/A001                                 | Duly made<br>22/08/18 | Application for waste transfer station for the storage and bulking up of chemical toilet waste  |
| Additional information received in response to Schedule 5 notice | 03/10/18              | Information relating to clarification of the extent of activities, engineering of waste storage areas, monitoring procedures, drainage systems and odour management |
| Additional information received in response to Schedule 5 notice | 05/11/18              | Evidence of Technical Competence (EPOC) received  |
|  | 12/11/18              | Information relating to the washdown area infrastructure  |
| Additional information received                                  | 07/01/19              | Amended information relating to the washdown area infrastructure  |
| Permit determined<br>EPR/BB3098HH                                | 18/01/19              | Permit granted to Tip Top Toilets Ltd.  |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2016

**Permit number**

**EPR/BB3098HH**

The Natural Resources Body for Wales (“Natural Resources Wales”) authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Tip Top Toilets Limited** (“the operator”),

whose registered office is

**Fedw Hir  
Llwydcoed  
Aberdare  
Wales  
CF44 0DX**

company registration number **07165179**

to operate waste operations at

**Tip Top Toilets Limited**

**Tip Top Toilets Waste Transfer Station**

**Fedw Hir  
Llwydcoed  
Aberdare  
CF44 0DX**

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

| Name              | Date              |
|-------------------|-------------------|
| <b>Huw Davies</b> | <b>18/01/2019</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.
- 4.2.2 Within one month of the end of each quarter, the operator shall submit to Natural Resources Wales 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 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**

| Activity reference          | Description of activities for waste operations   | Limits of activities   |
|-----------------------------|--|--|
| A1 – Waste Transfer Station | <p><b>D15:</b> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>D14:</b> Repackaging prior to submission to any of the operations numbered D 1 to D 13</p> | <p>All waste must be stored and treated on an impermeable surface with sealed drainage and within sealed storage containers.</p> <p>All storage containers shall be located on an impermeable surface with sealed drainage surrounded by a bund with a capacity to store 110% of the volume of the largest tank or 25% of the total tankage volume (whichever is highest).</p> <p>Treatment operations shall be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> <li>- storage</li> <li>- bulking up</li> </ul> <p>of permitted waste for the purpose of disposal only</p> <p>Waste types as specified in Table S2.1.</p> |
|                             | Washing down of used welfare units   | Washing down of used welfare units that contained waste, must be done so on an impermeable surface with sealed drainage, controlled by relevant process requirements in Table S1.2   |

**Table S1.2 Operating techniques**

| Description | Parts  | Date Received |
|-------------|--|---------------|
| Application | <p>Operating Techniques Version No1. June 2018<br/>Ref: 402.07841.00001/OT</p> <ul style="list-style-type: none"> <li>- Section 3.4.2. Waste Control [waste acceptance procedures]</li> <li>- Section 4.3.1. Containment Bunding</li> <li>- Drawing Bunded Storage Facility TT/BSF/01 [Appendix OT2 Engineering specification for bunded storage areas]</li> </ul> | 26/06/18      |

**Table S1.2 Operating techniques**

| Description  | Parts  | Date Received |
|--|--|---------------|
|  | Non-Technical Summary Version<br>No:1 June 2018<br>Ref: 402.07841.00001/NTS<br><br>- Section 1.2., 8 <sup>th</sup> paragraph<br>[CQA plans for subsequent<br>storage areas to have CQA<br>plans agreed with NRW]   |               |
|  | Odour management plan reference<br>402.07841.00001 Version 1 August<br>2018<br><br>- all parts   | 22/08/18      |
| Response to Schedule 5 Notice<br>dated 12/09/18  | Email response: App OT3 Weekly<br>Monitoring Checklist v2 FINAL<br><br>Inspection areas and remediation<br>for:<br>- Waste Storage Area 1<br>- Waste Storage Area 2<br>- Wash Down Area<br>- Spillages<br><br>Email response: 181003<br>402.0784.00001_LtoEA<br><br>- SLR response to questions 3a)<br>and 3b) [Engineering of waste<br>storage and wash down areas;<br>and operating techniques for<br>depositing waste into storage<br>area]<br>- SLR response to question 5a)<br>Quarantine area<br>- SLR response to 7a)<br>[Maximum waste storage time]<br>- SLR response to 7f) [de-<br>odourising waste]<br>- SLR response to 7h)<br>[contingency measures] | 03/10/18      |
| Additional information   | Email response: Construction<br>drawing of washdown area and<br>holding tank<br>Drawing ref: TT/WD/2018<br><br>- All parts   | 07/01/19      |
| Technical Guidance Document:<br>'How to comply with your<br>environmental permit'                                      | All relevant sections  | N/A           |
| Sector Guidance Note IPPC S5.06:<br>Guidance for the Recovery and<br>Disposal of Hazardous and Non-<br>Hazardous Waste | All relevant sections  | N/A           |
| CIRIA-C736 Containment systems<br>for the prevention of pollution.   | All relevant sections  | N/A           |

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

| <b>Table S2.1 Permitted waste types and quantities for waste transfer station</b> |  |
|---|--|
| <b>Maximum quantity</b>   | The maximum quantity for waste to be accepted on site shall not exceed 1380 tonnes per year.   |
| <b>Exclusions</b>   | Notwithstanding the waste types set out in this table, 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>• delivered to the site in unmarked, sealed drums</li> <li>• Hazardous waste</li> </ul> |
| <b>Waste code</b>   | <b>Description</b>   |
| <b>20</b>   | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>   |
| <b>20 03</b>  | <b>other municipal wastes</b>  |
| 20 03 04  | septic tank sludge (consisting of chemical toilet waste only)  |

# 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 |  |

|   |  |
|---|--|
| <b>(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> |  |
| <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>(b) Notification requirements for the breach of a limit</b>                      |  |
| <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                       |  |

| <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 the operator

## Schedule 6 - Interpretation

“*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.

“*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 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“*groundwater*” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“*hazardous property*” has the meaning in Annex III of the Waste Framework Directive.

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

“*hazardous waste*” has the meaning given in the Hazardous Waste (Wales) Regulations 2005 (as amended).

“*impermeable surface*” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the surface.

“*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.

“*Waste code*” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) 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.

