

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

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Silverwoods Waste Management Ltd

Silverwoods Waste Management  
Moorfield Industrial Estate  
Burnley Road  
Accrington  
Lancashire  
BB5 5TX

**Variation application number**

EPR/FB3209LE/V002

**Permit number**

EPR/FB3209LE

# Silverwoods Waste Management

## Permit number EPR/FB3209LE

### Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

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

This variation is to permit the conditioning by addition of water, crushing, screening and storage of Bypass Dusts (BPD) and Cement Kiln Dusts (CKD) from the Cement Manufacturing Industry. This installation permit was applied for to allow the treatment of up to 29,999 tpa material with hazardous waste codes 10 13 12\* and 19 02 04\*. BPD and CKD are the only hazardous wastes to be accepted, which are only hazardous due to their high alkalinity. A waste operation in the permit covers treatment of up to 29,999 tpa of similar non-hazardous waste BPD and CKD with codes 10 13 13 and 19 02 03. The consolidation also includes the existing Standard Rules 2008 No3 75 kte Household, Commercial and Industrial Waste Transfer Station.

The 0.6ha site is situated on an industrial estate on the boundary of Clayton-le-Moors, two miles north of Accrington, Lancashire. The nearest residential properties are approximately 250m to the West and the Leeds and Liverpool canal is approximately 120m to the North. There are no Special Areas of Conservation, Special Protected Areas or RAMSAR sites within 10km and no Sites of Special Scientific Interest within 2km. Altham Clough Wood, a Local Wildlife Site and Ancient Woodland, is approximately 1km to the East.

The conditioning operations are carried out in enclosed plant. Size-screening of conditioned product is carried out within a building. The rest of the site has an impermeable surface draining surface water to one or more collection sumps for appropriate re-use or disposal. The site operates an Environmental Management System certified to ISO14001.

The schedules specify the changes made to the permit.

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

| <b>Status log of the permit</b> |             |                                       |
|---------------------------------|-------------|---------------------------------------|
| <b>Description</b>              | <b>Date</b> | <b>Comments</b>                       |
| Application WDL 329             | 06/12/1990  | Original permit issued to Mr J Miller |
| Modification issued             | 15/05/1992  |                                       |
| Modification issued             | 09/07/1993  |                                       |
| Modification issued             | 02/06/1994  |                                       |
| Modification issued             | 12/01/1995  |                                       |
| Modification issued             | 17/11/1995  |                                       |
| Modification issued             | 27/03/1995  |                                       |

| <b>Status log of the permit</b>   |                               |  |
|---|-------------------------------|--|
| <b>Description</b>  | <b>Date</b>                   | <b>Comments</b>  |
| Transfer determined<br>EPR/FP3493SL   | 21/01/2010                    | Full transfer of permit complete   |
| Variation determined  | 17/01/2011                    | Variation complete   |
| Transfer determined<br>EPR/BB3809KJ   | 13/08/2014                    | Full transfer of permit complete   |
| Application EPR/FB3209LE/T001<br>(full transfer of permit EAWML<br>54046)                       | Duly made<br>16/06/17         | Application to transfer the permit in full to<br>Silverwoods Waste Management Limited                                  |
| Transfer determined<br>EPR/FB3209LE   | 28/07/17                      | Full transfer of permit complete   |
| Variation Application<br>EPR/FB3209LE/V002  | Duly Made<br>22/11/17         | Application to add a hazardous waste treatment<br>installation to the Standard Rules Waste Transfer<br>Station permit. |
| Schedule 5 notice dated 07/12/17  | Response<br>received 13/12/17 |  |
| Further information request e-<br>mail dated 27/12/17   | Response<br>received 08/01/18 |  |
| Variation determined<br>EPR/FB3209LE/V002<br><br>Billing references:<br>JP3230JX<br>EAWML 54046 | 09/02/18                      | Consolidated Variation issued  |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

### Permit number

EPR/FB3209LE

### Issued to

**Silverwoods Waste Management Ltd** (“the operator”)

whose registered office is

**Towers and Gornall**

**Abacus House**

**Ropewalk**

**Garstang**

**Preston**

**Lancashire**

**PR3 1NS**

company registration number 07412151

to operate regulated facilities at

**Silverwoods Waste Management**

**Moorfield Industrial Estate**

**Burnley Road**

**Accrington**

**Lancashire**

**BB5 5TX**

to the extent set out in the schedules.

The notice shall take effect from 09/02/2018

| <b>Name</b>        | <b>Date</b>       |
|--------------------|-------------------|
| <b>Philip Lamb</b> | <b>09/02/2018</b> |

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions other than the Standard Rules 2008 No3 75 kte conditions have been varied by the consolidated permit EPR/FB3209LE as a result of the application made by the operator.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/FB3209LE**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FB3209LE/V002 authorising,

**Silverwoods Waste Management Ltd** (“the operator”),

whose registered office is

**Towers and Gornall**

**Abacus House**

**Ropewalk**

**Garstang**

**Preston**

**Lancashire**

**PR3 1NS**

company registration number 07412151

to operate an installation and waste operations at

**Silverwoods Waste Management**

**Moorfield Industrial Estate**

**Burnley Road**

**Accrington**

**Lancashire**

**BB5 5TX**

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

Under regulation 27(2) of the Regulations, standard rules 2008 No3 75kte are conditions of this permit.

| <b>Name</b>        | <b>Date</b>       |
|--------------------|-------------------|
| <b>Philip Lamb</b> | <b>09/02/2018</b> |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

- 1.2.1 For the activities AR1 and AR2 referenced in schedule 1, table S1.1 the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the activities AR1 and AR2 referenced in schedule 1, table S1.1 the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 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.

- 1.4.2 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”).
- 2.1.2 For the activities AR1 and AR2 referenced in schedule 1, table S1.1, waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2 and S2.3; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

## **2.4 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 operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

# **3 Emissions and monitoring**

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

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

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

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

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

### **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
  - (a) point source emissions specified in table S3.1.
- 3.5.2 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.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 unless otherwise agreed in writing by the Environment Agency.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
  - (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the activities AR1 and AR2 referenced in schedule 1, table S1.1, 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 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 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 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

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

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 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 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 "immediately", 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 I and II operations</b>   | <b>Limits of specified activity and waste types (Note 1)</b>   |
| AR1                          | S5.3A(1)(a)(ii)  | Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.<br>R5  | Physical treatment consisting of conditioning with water, crushing and screening for the purpose of recovery of hazardous Cement Kiln Dust and ByPass Dust.<br>Waste types as specified in Table S2.2. |
| AR2                          | S5.6A(1)(a)  | Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending the activities listed in Section 5.3<br>R13   | Storage of hazardous Cement Kiln Dust and ByPass Dust.<br>Waste types as specified in Table S2.2.<br>Limited to 10,000 tonnes total.   |
|                              | <b>Description of activities for waste operations</b>      | <b>Limits of activities (Note 1)</b>   |  |
| AR3                          | R5 Recycling/reclamation of other inorganic materials      | Physical treatment consisting of conditioning with water, crushing and screening for the purpose of recovery of non-hazardous Cement Kiln Dust and ByPass Dust.<br>Waste types as specified in Table S2.3. |  |

Note 1: See also restrictions under Pre-operational Condition PO1.

| <b>Table S1.2 Operating techniques</b>         |   |                       |
|--|---|-----------------------|
| <b>Description</b>                             | <b>Parts</b>  | <b>Date Received</b>  |
| Application<br>EPR/FB3209LE/V002               | Non-Technical Summary, Risk Assessment Matrix and Environmental Management System | Duly Made<br>22/11/17 |
| Response to Schedule 5 notice dated 07/12/17   | Response to Questions 2,4,5,6,7 and 9   | 13/12/17              |
| Request for further information dated 27/12/17 | Response to Questions 1a), 2a), 2b), 2c), 2d), 4a), 6a), 6b), 7a), 8a), 9a)       | 08/01/18              |

| <b>Table S1.3 Improvement programme requirements</b> |  |             |
|--|--|-------------|
| <b>Reference</b>                                     | <b>Requirement</b>   | <b>Date</b> |
| IC1  | The operator shall submit the results of Phase 1 assessment baseline site ground condition survey by Worms Eye Ltd (or a similarly qualified site investigation contractor). | 31/03/18    |

| <b>Table S1.4 Pre-operational measures for future development</b> |   |   |
|---|---|---|
| <b>Reference</b>  | <b>Operation</b>  | <b>Pre-operational measures</b>   |
| PO1   | Use of the site other than the main building and associated silos in the South West corner of the site (as shown on the site plan in Schedule 7) for treatment or storage of hazardous or non-hazardous CKD and BPD waste (conditioned or unconditioned). | <p>The operator shall submit a report (or reports) for approval detailing changes as shown on the site plan in Schedule 7 (or otherwise if a new plan is submitted) to:</p> <ul style="list-style-type: none"> <li>i) the site drainage to prevent potentially contaminated water polluting the ground beneath the site;</li> <li>ii) enable bunded storage of conditioned cement waste material.</li> </ul> <p>The changes must be made in accordance with the written approval from the Environment Agency before operations can begin.</p> |

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

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

| Table S2.2 Permitted waste types and quantities for hazardous waste treatment |   |
|---|---|
| Maximum quantity  | 29,999 tpa  |
| Waste code  | Description   |
| <b>10 13</b>  | <b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>               |
| 10 13 12*   | solid wastes from gas treatment containing hazardous substances   |
| <b>19 02</b>  | <b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b> |
| 19 02 04*   | premixed wastes composed of at least one hazardous waste  |

| Table S2.3 Permitted waste types and quantities for non-hazardous waste treatment |   |
|---|---|
| Maximum quantity  | 29,999 tpa  |
| Waste code  | Description   |
| <b>10 13</b>  | <b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>               |
| 10 13 13  | solid wastes from gas treatment other than those mentioned in 10 13 12  |
| <b>19 02</b>  | <b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b> |
| 19 02 03  | premixed wastes composed only of non-hazardous wastes   |

## Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements |                                 |              |                        |                  |                      |                               |
|--|---------------------------------|--------------|------------------------|------------------|----------------------|-------------------------------|
| Emission point ref. & location   | Source                          | Parameter    | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| A1 [Point A1 on site plan in Schedule 7]   | Conditioning Plant Storage Silo | Particulates | -                      | -                | -                    | -                             |
| A2 [Point A2 on site plan in Schedule 7]   | Conditioning Plant Storage Silo | Particulates | -                      | -                | -                    | -                             |

## Schedule 4 – Reporting

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

| <b>Table S4.1 Reporting of monitoring data</b> |   |                         |                      |
|--|---|-------------------------|----------------------|
| <b>Parameter</b>                               | <b>Emission or monitoring point/reference</b> | <b>Reporting period</b> | <b>Period begins</b> |
| -  | -   | -                       | -                    |

| <b>Table S4.2 Annual production/treatment</b>            |              |
|--|--------------|
| <b>Parameter</b>   | <b>Units</b> |
| Bypass dust and Cement Kiln dust treated (hazardous)     | tonnes       |
| Bypass dust and Cement Kiln dust treated (non-hazardous) | tonnes       |

| <b>Table S4.3 Performance parameters</b> |                                |              |
|--|--------------------------------|--------------|
| <b>Parameter</b>                         | <b>Frequency of assessment</b> | <b>Units</b> |
| Water usage                              | Annually                       | tonnes       |
| Energy usage                             | Annually                       | MWh          |

| <b>Table S4.4 Reporting forms</b> |   |                     |
|-----------------------------------|---|---------------------|
| <b>Media/parameter</b>            | <b>Reporting format</b>   | <b>Date of form</b> |
| Water usage                       | Form water usage 1 or other form as agreed in writing by the Environment Agency | 01/01/18            |
| Energy usage                      | Form energy 1 or other form as agreed in writing by the Environment Agency      | 01/01/18            |

# 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                  | <b>EPR/FB3209LE</b>                             |
| Name of operator               | <b>Silverwoods Waste Management Ltd</b>         |
| Location of Facility           | <b>Silverwoods Waste Management, Accrington</b> |
| 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   |  |

|   |  |
|---|--|
| <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> |  |
| 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.  |  |

|           |  |
|-----------|--|
| Name*     |  |
| Post      |  |
| Signature |  |
| Date      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

“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.

“disposal”. Means any of the operations 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.

“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.

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

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

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

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

“recovery” means any of the operations 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 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.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

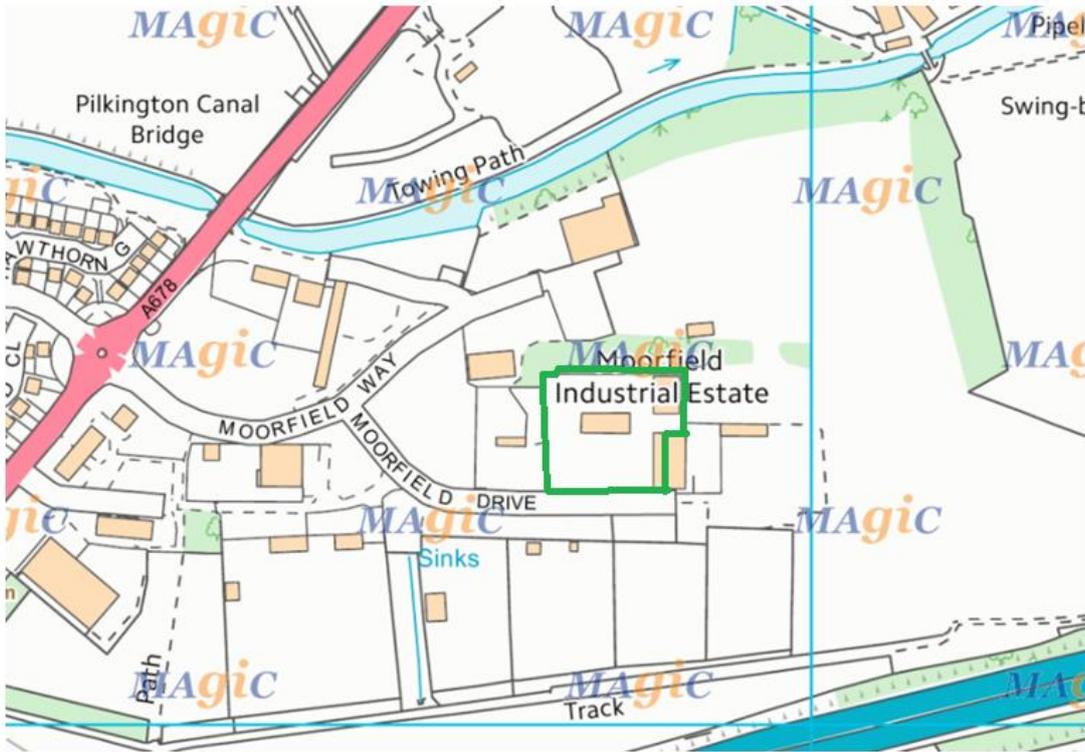
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2 for that table they have the meaning given below:

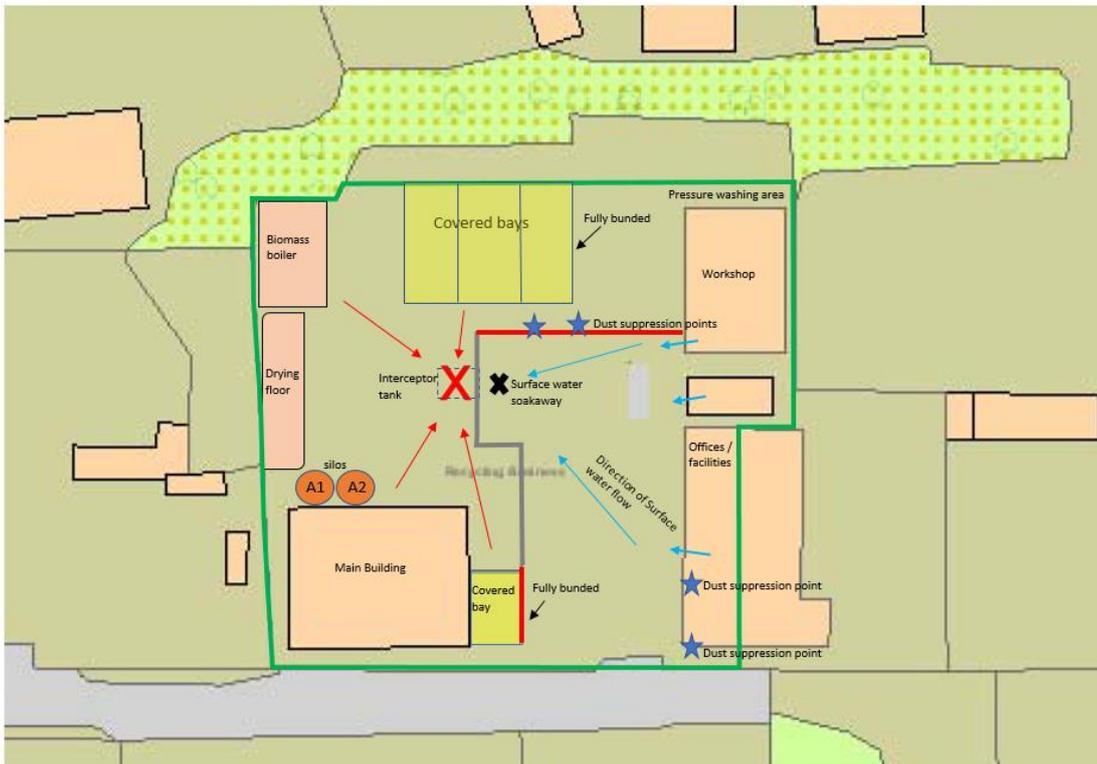
‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

# Schedule 7 – Site plan



This is the plan referred to in the standard rules 2008 No3 75 kte.

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END OF PERMIT

**Permit Number:** FB3209LE  
**Facility:** Silverwoods Waste Management

**Operator:** Silverwoods Waste Management  
**Form Number:** WaterUsage1 / 01/01/18

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

| <b>Water Source</b>         | <b>Usage (m<sup>3</sup>/year)</b> | <b>Specific Usage (m<sup>3</sup>/unit output)</b> |
|-----------------------------|-----------------------------------|---|
| Mains water                 |                                   |   |
| Other (e.g. Site borehole ) |                                   |   |
| <b>TOTAL WATER USAGE</b>    |                                   |   |

**Operator's comments:**

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

Date.....

**Permit Number:** FB3209LE  
**Facility:** Silverwoods Waste Management

**Operator:** Silverwoods Waste Management  
**Form Number:** Energy1 / 01/01/18

**Reporting of Energy Usage for the year** yyyy

| Energy Source      | Energy Usage |                      | Specific Usage (MWh/unit output) |
|--------------------|--------------|----------------------|----------------------------------|
|                    | Quantity     | Primary Energy (MWh) |                                  |
| Electricity *      | MWh          |                      |                                  |
| Natural Gas        | MWh          |                      |                                  |
| Gas Oil            | tonnes       |                      |                                  |
| Recovered Fuel Oil | tonnes       |                      |                                  |
| <b>TOTAL</b>       | -            |                      |                                  |

\* Conversion factor for delivered electricity to primary energy = 2.4

**Operator's comments:**

Signed .....

Date.....

(Authorised to sign as representative of Operator)