

# Permit with introductory note

## The Environmental Permitting (England & Wales) Regulations 2010

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O'Donovan (Waste Disposal) Limited  
Alperton Lane Waste Transfer Station  
The Yard  
Alperton Lane  
Wembley  
London  
HA0 1EB

### **Permit number**

EPR/LP3037WG

# Alperton Lane Waste Transfer Station

## Permit number EPR/LP3037WG

### Introductory note

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

The main features of the permit are as follows.

This permit is for a transfer and treatment facility for non-hazardous waste from the construction and demolition industry. The facility will undertake a waste operation for the recovery of non-hazardous wastes by physico-chemical treatment. Where wastes cannot be recovered, the facility will undertake a disposal activity listed in Section 5.4 Part A(1)(a)(ii) of Schedule 1 of the Environmental Permitting (England & Wales) Regulations (EPR) 2010.

Alperton Lane Waste Transfer Station is located at National Grid Reference 517603 182952. It is approximately 12km north west of the centre of London in the southern part of Wembley. The residential area of Perivale is situated immediately to the north west of the site on Alperton Lane. The area surrounding the site is a mix of residential and business use including other permitted waste activities. There are several Local Wildlife Sites and one Local Nature Reserve within 1km of the site.

The facility will receive up to 150,000 tonnes per year of non-hazardous waste. All wastes will be received, stored and processed in a building. Waste activities taking place inside the building will include:

- Storage of waste in a dedicated bay or container for bulking up pending transfer off-site;
- Manual picking of waste to remove large recyclable items;
- Shredding of waste to break down materials and improve segregation;
- Screening of waste in a trommel to sort items by size;
- Manual segregation of waste on a picking line;
- Baling and wrapping of suitable material as refuse derived fuel (RDF).

The above activities will take place on impermeable surfacing with sealed drainage within the enclosed building to prevent the release of noise and particulate matter to the external atmosphere. The operator has in place management plans for particulate matter and fire.

The site is located within an Air Quality Management Area that has been declared for particulate matter (PM<sub>10</sub>). The operator will install a monitor for PM<sub>10</sub> on the down-wind site boundary. The operator will also install an appropriate system to manage particulate emissions from the building.

Baled and wrapped RDF will be stored outside the building on impermeable surfacing with a sealed drainage system. The operator has an appropriate fire management plan which details appropriate measures that are in place to prevent, detect, suppress, mitigate and contain fires.

There will be only one point source emission, to sewer, of uncontaminated site surface water.

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

Status log of the permit		
Description	Date	Comments
Application EPR/LP3037WG/A001 (EAWML 402143)	Duly made 02/03/15	Application for a transfer facility for non-hazardous construction and demolition waste  Including the additional information received on 18/02/15: Technical standards; process description; waste acceptance procedure.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional information received	30/04/15	Site Condition Report; dust management; noise management; fire management plan.
	11/05/15	Dust monitoring; storage locations; sensitive receptors; information on baling; dust and particulate emission management plan; accident management plan.
	14/05/15	Quarantine arrangements; fire management measures.
	15/05/15	Storage separation distances; quarantine area in the event of a fire; waste types for RDF.
	19/05/15	Baseline in Site Condition Report.
	29/05/15	Site plans.
	11/06/15	Updated Site Condition Report; Environmental Risk Assessment including control and mitigation measures.
Permit determined EPR/LP3037WG (PAS Billing ref. LP3037WG)	15/06/15	Permit issued to O'Donovan (Waste Disposal) Limited.

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/LP3037WG**

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

**O'Donovan (Waste Disposal) Limited** ("the operator"),

whose registered office is

**Markfield House  
82 Markfield Road  
Tottenham  
London  
N15 4QF**

company registration number **02216657**

to operate an installation and a waste operation at

**Alperton Lane Waste Transfer Station  
The Yard  
Alperton Lane  
Wembley  
London  
HA0 1EB**

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

Name	Date
Claire Roberts	15/06/2015

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 following activities referenced in schedule 1, table S1.1, A1 to A4, 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 following activities referenced in schedule 1, table S1.1, A1 to A4, 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 following activities referenced in schedule 1, table S1.1, A1 to A4, 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 table S2.2; 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.

### **2.4 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **2.5 Pre-operational conditions**

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4A have been completed.
- 2.5.2 The operations specified in schedule 1 table S1.4B 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 tables S3.1.
- 3.1.2 For the following activities referenced in schedule 1, table S1.1, A1 to A4, 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 Emissions from the activities shall not contribute significantly to any exceedance of EU air quality limit values or objectives of the Air Quality Strategy for England, Scotland, Wales and Northern Ireland for sulphur dioxide, oxides of nitrogen and particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>).
- 3.2.3 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.
- 3.2.4 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) ambient air monitoring specified in table S3.2.
- 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 S3.2 unless otherwise agreed in writing by the Environment Agency.

## **3.6 Pests**

- 3.6.1 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.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
  - (b) implement the pests management plan, from the date of approval, 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 following activities referenced in schedule 1, table S1.1, A1 to A4, 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; and
  - (b) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 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 S4.3; 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 For the following activities referenced in schedule 1, table S1.1, A1 to A4, 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 For the following activities referenced in schedule 1, table S1.1, A5, the Environment Agency 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.

4.3.4 Any information provided under condition 4.3.3 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.5 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.

4.3.6 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.

4.3.7 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.

4.3.8 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 For the following activities referenced in schedule 1, table S1.1, A1 to A4, 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.

4.4.3 For the following activities referenced in schedule 1, table S1.1, A5, 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	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	S5.4 A1 (a) (ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.	<b>D9:</b> Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12.	<p>Manual picking, shredding, screening, segregation, baling, wrapping and storage of waste.</p> <p>Waste types as specified in Table S2.2.</p> <p>All treatment and storage (except baled and wrapped RDF) must take place within an enclosed building on an impermeable surface with sealed drainage.</p> <p>Any push walls in the building must be marked with a freeboard of 500mm using a painted line. Waste must not be stored above this line.</p> <p>There shall be no tipping of waste within 1m of the front of the inside of building.</p> <p>No more than 80m<sup>3</sup> of baled RDF shall be stored in the area shown as 'baled waste' on the site plan in Schedule 7 at any one time.</p> <p>Non road mobile machinery (NRMM) for use on any site within Greater London will be required to meet Stage IIIB of the Directive 97/69/EC unless its net power is less than 37kW and it can be demonstrated that machinery meeting these requirements is not available or it would be prohibitively expensive to refit.</p>
<b>Directly Associated Activity</b>			
A2	Storage of non-hazardous waste.	<b>D15:</b> Storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).	<p>Storage pending activity A1 only.</p> <p>All storage must take place on an impermeable surface with sealed drainage within an enclosed building.</p> <p>Waste types as specified in Table S2.2.</p>
A3	Water discharges to sewer.	Discharges of uncontaminated roof and site surface water from the facility.	From external areas that have not been in contact with waste to the point of entry to sewer.
A4	Storage of fuel.	Storage of fuel for the	Bunded fuel tank.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		operation of plant and machinery.	
Activity reference	Description of activities for waste operations		Limits of activities
A5	<p><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).</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents.</p> <p><b>R4:</b> Recycling/reclamation of metals and metal compounds.</p> <p><b>R5:</b> Recycling/reclamation of other inorganic compounds.</p> <p><b>D15:</b> Storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).</p>		<p>Storage pending A5 treatment activity only.</p> <p>Treatment operations shall be limited to physical treatment including manual picking, shredding, screening, segregation, baling, wrapping and storage of waste.</p> <p>Waste types as specified in Table S2.2.</p> <p>All storage (except baled and wrapped RDF) and treatment must take place within an enclosed building on an impermeable surface with sealed drainage.</p> <p>Any push walls in the building must be marked with a freeboard of 500mm using a painted line. Waste must not be stored above this line.</p> <p>There shall be no tipping of waste within 1m of the front of the inside of building.</p> <p>No more than 80m<sup>3</sup> of baled RDF shall be stored in the area shown as 'baled waste' on the site plan in Schedule 7 at any one time.</p> <p>Non road mobile machinery (NRMM) for use on any site within Greater London will be required to meet Stage IIIB of the Directive 97/69/EC unless its net power is less than 37kW and it can be demonstrated that machinery meeting these requirements is not available or it would be prohibitively expensive to refit.</p>

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to request for additional information dated 03/02/15	<p>Response to section 3a ('Technical standards') in Part B3 of the application form</p> <p>Response to section 3a ('Technical standards') in Part B4 of</p>	18/02/15

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
	the application form 'Process Description' (Version A.0) 'Appendix 1 – Waste Acceptance Procedure' (Version A.2)	
Response to Schedule 5 Notice dated 16/04/15	Response to question 6 detailing management of building doors to control emissions Response to question 10 detailing noise management 'Annex 7 Fire Management Plan' (Version A.1)	30/04/15
Response to request for additional information dated 08/05/15	Response to question 1 confirming when visual dust monitoring will be undertaken Response to question 5 confirming storage location for wood, paper and card Response to question 11 regarding bailing and storage of RDF 'Appendix 9 - Dust and Particulate Emission Management Plan' (Version A.2) 'Accident Management Plan' (Version A.0)	11/05/15
Response to request for additional information dated 13/05/15	Response to question 4 detailing quarantine arrangements Response to question 5 confirming maximum sizes and minimum separation distances will be in accordance with Table 1 of our guidance 'Fire prevention plans' Response to question 8 detailing water supplies in the event of a fire	14/05/15
Response to request for additional information dated 15/05/15	Response to question 5 confirming separation distances will be in accordance with Table 1 of our guidance 'Fire prevention plans' Response to question 7 confirming the dedicated quarantine area in the event of a fire	15/05/15
Response to request for additional information dated 19/05/15	'Site Layout Plan' (Drawing 2, Revision D) 'Drainage Plan' (Drawing 3, Revision C)	29/05/15
Response to request for additional information dated 04/06/15	Response to question 2 providing an updated Site Condition Report that acknowledges the stone columns as potential pathways to groundwater and provides an updated Environmental Risk Assessment. Control and Mitigation Measures provided in 'Environmental Risk Assessment' (Version A.3).	11/06/15

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC 1	Submit a written report to the Environment Agency for approval.  The report shall include the fire risk assessment that will be carried out as detailed in Section 3.0 of the Fire Management Plan (and as required by the Regulatory Reform (Fire and Safety) Order 2005).  The report shall provide details of any further measures that are required as a result of the fire risk assessment and include dates for implementation of these measures.  The report shall contain a timescale for updating 'Annex 7 Fire Management Plan' with reference to such individual measures.	15/08/15

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<p>The individual measures shall be implemented in accordance with the Environment Agency's written approval.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report.</p>	

<b>Table S1.4A Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
POM 1	<p>Prior to the commencement of operations the Operator shall submit a written report to the Environment Agency confirming that a review of the integrity of all site surfacing has been undertaken.</p> <p>The report shall also confirm that, where remedial measures have been identified as necessary to ensure impermeability of site surfacing, these have been completed.</p> <p>No site operations shall commence or waste be accepted at the installation unless the Environment Agency has given prior written permission under this condition.</p>
POM 2	<p>Prior to the commencement of operations the Operator shall submit a written report to the Environment Agency detailing the appropriate system to be installed to manage particulate emissions from the building and the location of the point source emission to air.</p> <p>The report shall include information on the abatement technology that will be installed to prevent the release of particulates to the external atmosphere.</p> <p>The report shall also include a commissioning plan including monitoring for particulates to demonstrate the effectiveness of the abatement technology.</p> <p>The report shall provide proposals for the regular maintenance, inspection and monitoring of the abatement technology to confirm its continual effectiveness.</p> <p>No site operations shall commence or waste be accepted at the installation unless the Environment Agency has given prior written permission under this condition.</p>
POM 3	<p>Prior to the commencement of operations the Operator shall submit a written report to the Environment Agency confirming that monitoring for PM<sub>10</sub> meets MCERTS 'Performance Standards for Indicative Ambient Particulate Monitors' or similar standard agreed in writing with the Environment Agency.</p> <p>No site operations shall commence or waste be accepted at the installation unless the Environment Agency has given prior written permission under this condition.</p>

<b>Table S1.4A Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
POM 4	<p>Prior to the commencement of operations the Operator shall submit a revised 'Annex 7 Fire Management Plan' which includes the following:</p> <ol style="list-style-type: none"> <li>1. Height of baled RDF</li> <li>2. For fire hoses: <ol style="list-style-type: none"> <li>a. Length of hoses</li> <li>b. Number of hoses</li> <li>c. Volume of available water</li> </ol> </li> <li>3. For suppression: <ol style="list-style-type: none"> <li>a. Area of site covered by suppression</li> <li>b. Source of water</li> <li>c. Volume of available water</li> <li>d. If using tanks, time to re-charge</li> </ol> </li> <li>4. Rain water tank: <ol style="list-style-type: none"> <li>a. Volume available</li> <li>b. Area drainage isolation – where fire water will drain to</li> <li>c. How fire water run-off will be managed on site</li> </ol> </li> <li>5. For any gas cylinders on site: <ol style="list-style-type: none"> <li>a. Where they will be stored</li> </ol> </li> <li>6. Site plan showing: <ol style="list-style-type: none"> <li>a. Hydrants and water supply (if any)</li> <li>b. Areas of naturally unmade ground</li> <li>c. Location of any drainage valves/ shut-off points.</li> </ol> </li> </ol> <p>No site operations shall commence or waste be accepted at the installation unless the Environment Agency has given prior written permission under this condition.</p>

<b>Table S1.4B Pre-operational measures for future development</b>		
<b>Reference</b>	<b>Operation</b>	<b>Pre-operational measures</b>
POM 5	Baling of RDF	<p>The Operator shall provide details (site name and location) of the destination(s) of baled RDF.</p> <p>No baling shall commence unless the Environment Agency has given prior written permission under this condition.</p>



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

Raw materials and fuel description	Specification
-	-

<b>Maximum quantity</b>	150,000 tonnes per annum
<b>Exclusions</b>	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> <li>(a) consisting solely or mainly of dusts, powders or loose fibres</li> <li>(b) wastes that are in a form which is either sludge or liquid</li> <li>(c) wastes that are malodorous</li> </ul>
<b>Waste code</b>	<b>Description</b>
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
<b>17 02</b>	<b>wood, glass and plastic</b>
17 02 01	wood
17 02 02	glass
17 02 03	plastic
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
<b>17 04</b>	<b>metals (including their alloys)</b>
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05

<b>Table S2.2 Permitted waste types and quantities for manual picking, shredding, screening, baling, wrapping and storage</b>	
<b>Maximum quantity</b>	150,000 tonnes per annum
<b>Exclusions</b>	Wastes having any of the following characteristics shall not be accepted: (a) consisting solely or mainly of dusts, powders or loose fibres (b) wastes that are in a form which is either sludge or liquid (c) wastes that are malodorous
<b>Waste code</b>	<b>Description</b>
17 05 08	track ballast other than those mentioned in 17 05 07
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
<b>17 08</b>	<b>gypsum-based construction material</b>
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

## Schedule 3 – Emissions and monitoring

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 on site plan in schedule 7 emission to Thames Water sewage treatment works	Site surface water drainage	No parameters set	-	-	-	-

<b>Location or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
At a location agreed in writing with the Environment Agency that shall obtain reliable and representative data on PM <sub>10</sub> emissions from the waste management operations that enables the operator to identify emissions and take steps to prevent a reoccurrence.	Particulate matter less than 10 millionth of a metre in diameter (PM <sub>10</sub> ).	5 minute.	<p>The equipment shall be operated to a procedure agreed in writing with the Environment Agency.</p> <p>The emissions management plan shall include action levels and regular review cycles with an overriding aim to reduce PM<sub>10</sub> emissions from the facility.</p>	<p>Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency.</p> <p>The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first.</p> <p>The system shall be managed and maintained by suitably trained personnel.</p> <p>The system shall obtain representative data that shall accurately reflect PM<sub>10</sub> levels produced by the site's activities.</p>

## 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>
Ambient air monitoring Parameters as required by condition 3.5.1	At a location agreed in writing with the Environment Agency	Every 6 months	15/12, 15/06

<b>Table S4.2 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

<b>Table S4.3 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Particulate	Form Particulate1 or other form as agreed in writing by the Environment Agency	15/06/15
Water usage	Form WaterUsage1 or other form as agreed in writing by the Environment Agency	15/06/15
Energy usage	Form Energy1 or other form as agreed in writing by the Environment Agency	15/06/15
Other performance indicators	Form Performance1 or other form as agreed in writing by the Environment Agency	15/06/15

# 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.	

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.

“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.

“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.

“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.

“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.

“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.

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

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

“Non road mobile machinery” has the meaning given in the Non-Road Mobile Machinery (Emission of Gaseous and Particulate Pollutants) Regulations 1999, as amended.

“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.

“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 (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.

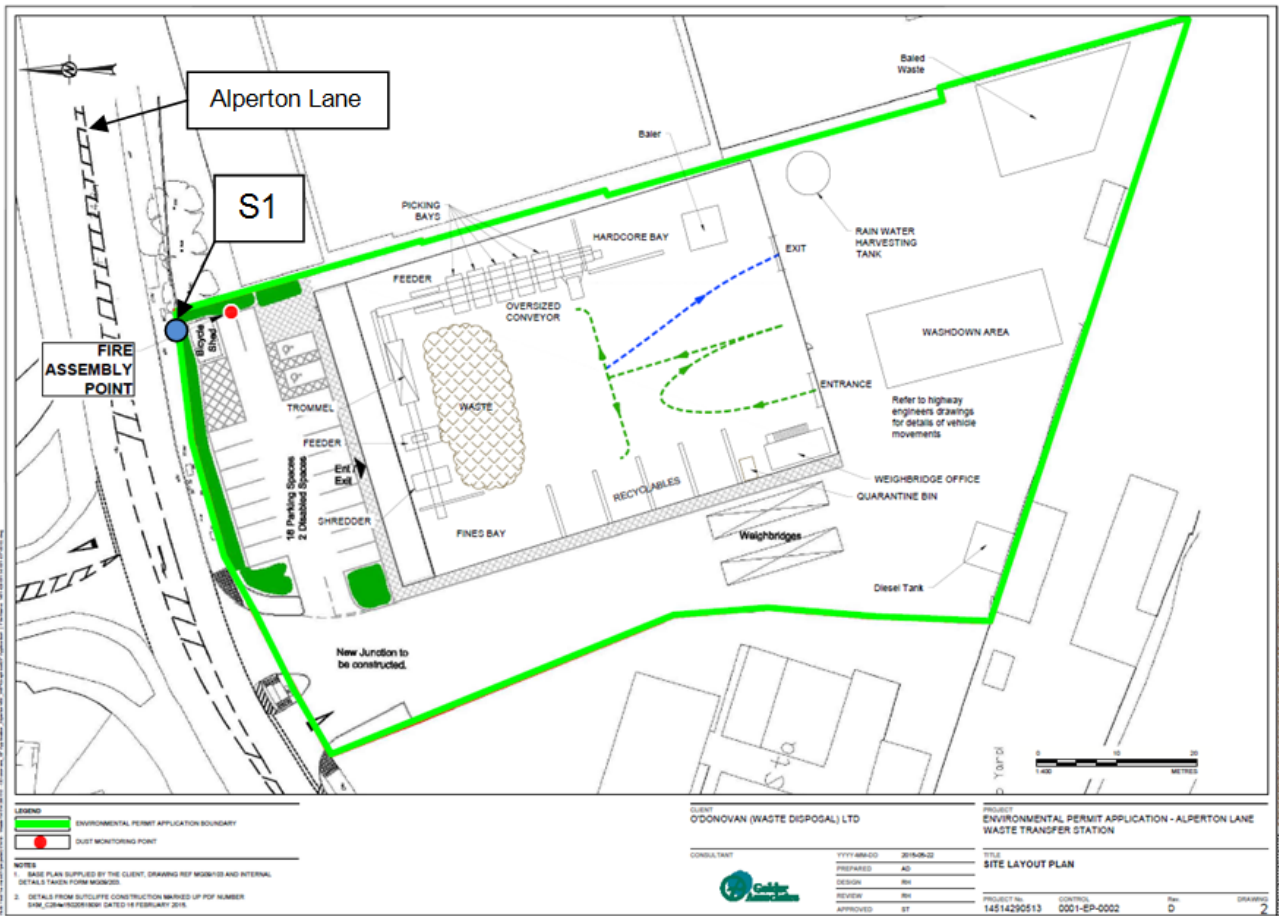
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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.



# Schedule 7 – Site plan



END OF PERMIT

**Permit Number: EPR/LP3037WG**

**Operator:**

**O'Donovan (Waste Disposal) Limited**

**Facility: Alperton Lane Waste Transfer Station**

**Form Number:**

**Particulate1/15/06/15**

**Reporting of particulates for the period from DD/MM/YYYY to DD/MM/YYYY**

<b>Emission Point</b>	<b>Substance / Parameter</b>	<b>Emission Action Value</b>	<b>Reference Period</b>	<b>Result <sup>[1]</sup></b>	<b>Test Method <sup>[2]</sup></b>	<b>Sample Date and Times <sup>[3]</sup></b>	<b>Uncertainty <sup>[4]</sup></b>
At a location agreed in writing with the Environment Agency that will obtain reliable and representative data on PM <sub>10</sub> emissions from the waste management operations.	Particulate matter less than 10 millionth of a metre in diameter (PM <sub>10</sub> )	100 µm/m <sup>3</sup> (as agreed in writing with the Environment Agency)	5 minute		As per Table S3.2	At a location agreed in writing with the Environment Agency that will obtain reliable and representative data on PM <sub>10</sub> emissions from the waste management operations.	Particulate matter less than 10 millionth of a metre in diameter (PM <sub>10</sub> )

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission action value. Where the emission action value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/LP3037WG**

**Operator:**

**O'Donovan (Waste  
Disposal) Limited  
WaterUsage1/15/06/15**

**Facility:                   Alperton Lane Waste  
                                  Transfer Station**

**Form Number:**

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

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

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/LP3037WG**

**Operator:**

**O'Donovan (Waste  
Disposal) Limited  
Energy1/15/06/15**

**Facility:                   Alperton Lane Waste  
Transfer Station**

**Form Number:**

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

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:
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Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:**            **EPR/LP3037WG**            **Operator:**                    **O'Donovan (Waste Disposal) Limited**  
**Facility:**                    **Alperton Lane Waste Transfer Station**    **Form Number:**            **Performance1/15/06/15**

**Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY**

Parameter	Units
Total raw material used	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)