



# Permit with introductory note

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

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Veolia ES Nottinghamshire Limited

Welshcroft Close RDF

Welshcroft Close

Kirkby in Ashfield

Nottinghamshire

NG17 8EP

### **Permit number**

EPR/LP3839DK

# Welshcroft Close RDF

## Permit number EPR/LP3839DK

### Introductory note

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

The main features of the permit are as follows.

Welshcroft Close Refuse Derived Fuel (RDF) Facility is located at National Grid Reference SK 50455 57086 in Portland Industrial Estate on a former colliery site. The Industrial Estate is situated adjacent to the Lowmoor Business Park and to the North of Kirkby in Ashfield, and is approximately 5 km from the town of Mansfield. The nearest residential housing to the RDF facility is approximately 50m to the East of the permit boundary.

There is one Site of Special Scientific Interest (SSSI), one Local Nature Reserve (LNR) and two Local Wildlife Sites (LWS) within 2km of the installation. There are also two LWS located within 300m and the eastern edge of the site lies over a Source Protection Zone Classification 3 (SPZ3).

The regulated facility is capable of accepting up to 75,000 tonnes of non-hazardous municipal and commercial waste per year to produce RDF under Scheduled Activity S5.4 A(1)(a)(ii) 'disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment'.

All waste will be tipped into reception bays (in piles no greater than 450m<sup>3</sup> in line with the sites Fire Prevention Plan) located within a building which benefits from an impermeable surface with sealed drainage and stored for no longer than 72 hours (generally less than 24 hours) in order to minimise odour generation.

Prior to processing a visual inspection of the incoming waste will be carried out and any unsuitable and/or recyclable material removed. Processing of the incoming waste will operate on a first in first out basis, with the exception of particularly malodorous waste which will be prioritised, firstly being passed under an over band magnet to remove ferrous metal and then shredded. Excessively malodorous waste will be rejected by the site. The shredded waste will be conveyed to a baling machine for compression into a shape ready for wrapping.

The baled RDF will be mechanically wrapped with several layers of heavy duty plastic film using a cross wrap system, which will ensure no water ingress or escape of waste material. Wrapped bales will be stored inside the southern part of the RDF building (in stacks no greater than 450m<sup>3</sup>, in line with the sites Fire Prevention Plan), prior to removal from site via curtain sided bulk vehicles. The storage time for wrapped bales will not exceed one week and will likely not exceed 3 days.

The operator will have management plans in place at the site to ensure that the environment is protected from emissions to air, land and water; and includes an Odour Management Plan and Fire Prevention Plan. All waste activities will take place in a building which utilises fast acting closing doors to minimise the emissions of odour, noise and dust and the attraction of pests. All activities will take place on impermeable surfaces with sealed drainage systems, there will be no point source emissions to air or land.

Uncontaminated surface water from the yard and the building roof will be discharged via an on-site interceptor and a swale found to the east of the site into surface water drains which ultimately feed into the River Maun. Wash down water from the building will be discharged to sewer providing an agreement is in place via a discharge consent, issued by Severn Trent Water, and sufficient H1 risk assessment is provided as per the requirements of pre-operational measure, PO1.

Both the discharge to surface water and sewer can be isolated using penstock valves in the event of an emergency or non-conformance.

The Waste Framework Directive (WFD) applies to the site and has been taken into consideration with regards to the waste types to be accepted into the installation as well as the incineration of the shredded and baled RDF.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/LP3839DK/A001	Duly made 29/11/16	Application for a Refuse Derived Fuel production site with associated transfer station.
Additional information received	24/01/17 26/01/17	Response to Schedule 5 Notice (1) dated 06/01/17 – revised Fire Prevention Plan
Additional information received	31/01/17 01/02/17 07/02/17	Response to Schedule 5 Notice (2) dated 26/01/17 – BAT assessments, revised Odour Management Plan, removal of ferrous metal procedure clarification and revised site plan.
Permit determined EPR/LP3839DK	10/03/17	Permit issued to Veolia ES Nottinghamshire Limited.

End of introductory note

# Permit

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

### Permit number

**EPR/LP3839DK**

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

**Veolia ES Nottinghamshire Limited** (“the operator”),

whose registered office is

**210 Pentonville Road  
London  
N1 9JY**

company registration number 05584380

to operate an installation at

**Welshcroft Close RDF  
Welshcroft Close  
Kirkby in Ashfield  
Nottinghamshire  
NG17 8EP**

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

Name	Date
J Linton	10/03/2017

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 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 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 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 red 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
  - (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.

### **2.4 Pre-operational conditions**

- 2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 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 and S3.2.
- 3.1.2 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.

### **3.4 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 tables S3.1 and S3.2.

### **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.

### **3.7 Fire prevention**

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

## **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 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 treatment data set out in schedule 4 table S4.1; 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 S4.2;
  - (b) for the reporting periods specified in schedule 4 table S4.2 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 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 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 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.

4.3.4 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.

4.3.5 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</b>
A1	S5.4 A1 (a)(ii)	Treatment of waste in a shredder to produce RDF  D9: 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	From receipt of waste, shredding, baling and wrapping to storage prior to despatch of RDF.  All treatment and storage must take place on an impermeable surface with sealed drainage.  Waste types as specified in table S2.2.
<b>Directly Associated Activity</b>			
A2	Storage of non-hazardous waste prior to treatment	D15 – Storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).	All storage must take place on an impermeable surface with sealed drainage.  Storage pending Activity A1 only.  Waste types as specified in table S2.2.
A3	Water discharges to sewer	Collection of surface water from the main building.	From wash down water from the RDF building to off-site point of discharge to sewer
A4	Storage of fuel and oil.	Storage of fuel and lubricating oils for the operation of plant and machinery	Bunded fuel and oil tanks. No more than 1000 tonnes to be stored at any one time.
A5	Water discharges to surface waters.	Discharges of site drainage from the facility.	From external yard areas that have not been in contact with waste to the point of discharge into the River Maun via an interceptor and a swale.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	Response found in section 3a – technical standards, Part B3 of the application form. Technical standards in relation to best available techniques as described in Technical Guidance Note: S5.06 Guidance for the Recovery and Disposal of Non-Hazardous and Hazardous Waste, and BAT Reference Document: Waste Treatment, under the IPPC Directive and the IED. Odour Management Plan reference 'Welshcroft Close RDF OMP	Duly Made 29/11/16
Response to Schedule 5 Notice dated 06/01/17	Response to questions and revised FPP with associated documents reference 'Welshcroft close RDF Fire Prevention Plan v2 Jan 2017	24/01/17 26/01/17
Response to Schedule 5 Notice dated 26/01/17	Response to questions 2, 4 and 5 detailing a revised Odour Management Plan, specific waste storage locations and revised plans showing monitoring and discharge points to sewer and surface water.	31/01/17 01/02/17
	Partial response to question 3 detailing BAT assessments for site: waste pre-acceptance, acceptance and storage procedures; emissions to surface water control and monitoring procedure; raw materials selection, efficient use of water and energy efficiency procedures.	07/02/17

<b>Table S1.3 Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
PO1	<p>The operator shall submit a H1 risk assessment of the proposed emissions to sewer to the Environment Agency for approval. The risk assessment must be in line with the Environment Agency's guidance: 'Surface water pollution risk assessment for your environmental permit' and 'H1 annex D2: assessment of sanitary and other pollutants in surface water discharges' ensuring that the appropriate Sewage Treatment Reduction Factors are utilised.</p> <p>The operator shall also submit evidence that a discharge consent for trade effluent to sewer has been agreed with Severn Trent Water.</p> <p>The notification requirements of condition 2.4.1 will be deemed to have been complied with on submission of the H1 risk assessment and the evidence of the discharge consent approval from Severn Trent Water.</p>

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

Raw materials and fuel description	Specification
Mobile Plant Fuel Oil	Less than 1.0% sulphur content.

<b>Maximum quantity</b>	75,000 tonnes throughput per annum. Storage of a total maximum of 1,355m <sup>3</sup> of loose waste in the input bays and a total maximum of 900m <sup>3</sup> of baled compacted waste in the bale storage areas.
<b>Waste code</b>	<b>Description</b>
<b>02</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 06</b>	<b>Wastes from the baking and confectionary industry</b>
02 06 02	Wastes from preserving agents
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>
<b>03 03</b>	<b>Wastes from pulp, paper and cardboard production and processing</b>
03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>
<b>10 09</b>	<b>Wastes from casting of ferrous pieces</b>
10 09 14	Waste binders other than those mentioned in 10 09 13
10 09 16	Waste crack-indicating agent other than those mentioned in 10 09 15
<b>10 10</b>	<b>Wastes from casting of non-ferrous pieces</b>
10 10 14	Waste binders other than those mentioned in 10 10 13
10 10 16	Waste crack-indicating agent other than those mentioned in 10 10 15
<b>15</b>	<b>WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>
<b>15 01</b>	<b>Packaging (including separately collected municipal packaging waste)</b>
15 01 05	Composite packaging
15 01 06	Mixed packaging
<b>15 02</b>	<b>Absorbents, filter materials, wiping cloths and protective clothing</b>
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02*
<b>16</b>	<b>WASTE NOT OTHERWISE SPECIFIED ON THE LIST</b>
<b>16 02</b>	<b>Wastes from electrical and electronic equipment</b>
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15

<b>Table S2.2 Permitted waste types and quantities for the production of RDF.</b>	
<b>Maximum quantity</b>	75,000 tonnes throughput per annum. Storage of a total maximum of 1,355m <sup>3</sup> of loose waste in the input bays and a total maximum of 900m <sup>3</sup> of baled compacted waste in the bale storage areas.
<b>Waste code</b>	<b>Description</b>
<b>16 03</b>	<b>Off-specification batches and unused products</b>
16 03 06	Organic wastes other than those mentioned in 16 03 05
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<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 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
<b>19</b>	<b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER FOR HUMAN CONSUMPTION/INDUSTRIAL USE</b>
<b>19 02</b>	<b>Wastes from physic/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 03	Premixed wastes composed only of non-hazardous wastes
19 02 10	Combustible wastes other than those mentioned in 19 02 08 and 19 02 09
<b>19 05</b>	<b>Wastes from aerobic treatment of solid wastes</b>
19 05 01	Non-composted fraction of municipal and similar wastes
19 05 02	Non-composted fraction of animal and vegetable
<b>19 12</b>	<b>Wastes from the mechanical treatment of waste (including dechromatation, decyanidation, neutralisation)</b>
19 12 10	Combustible waste (refuse derived fuel)
<b>19 13</b>	<b>Wastes from soil and groundwater remediation</b>
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>Separately collected fractions (except 15 01)</b>
20 01 41	Wastes from chimney sweeping
<b>20 03</b>	<b>Other municipal wastes</b>
20 03 01	Mixed municipal wastes
20 03 03	Street-cleaning residues
20 03 07	Bulky waste

## Schedule 3 – Emissions and monitoring

<b>Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements</b>						
<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>
Emission point to swale on site plan in schedule 7 emission to River Maun via onsite swale	Uncontaminated surface run off	No parameters set	No limit set	-	-	-

<b>Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements</b>						
<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>
Emission point to sewer as shown on site plan in schedule 7 emission to Severn Trent Water Sewage Treatment Works	Wash down water from RDF treatment and storage building	TBC following completion of PO1				

## Schedule 4 – Reporting

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

<b>Table S4.1: Annual treatment</b>	
<b>Parameter</b>	<b>Units</b>
Treatment of non-hazardous waste for the production of Refuse Derived Fuel	tonnes

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

<b>Table S4.3 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	10/03/2017
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	10/03/2017
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	10/03/2017

# 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	

<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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by 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.

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

“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 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 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.

“Pests” means Birds, Vermin and Insects.

“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

‘heavy metal’ means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

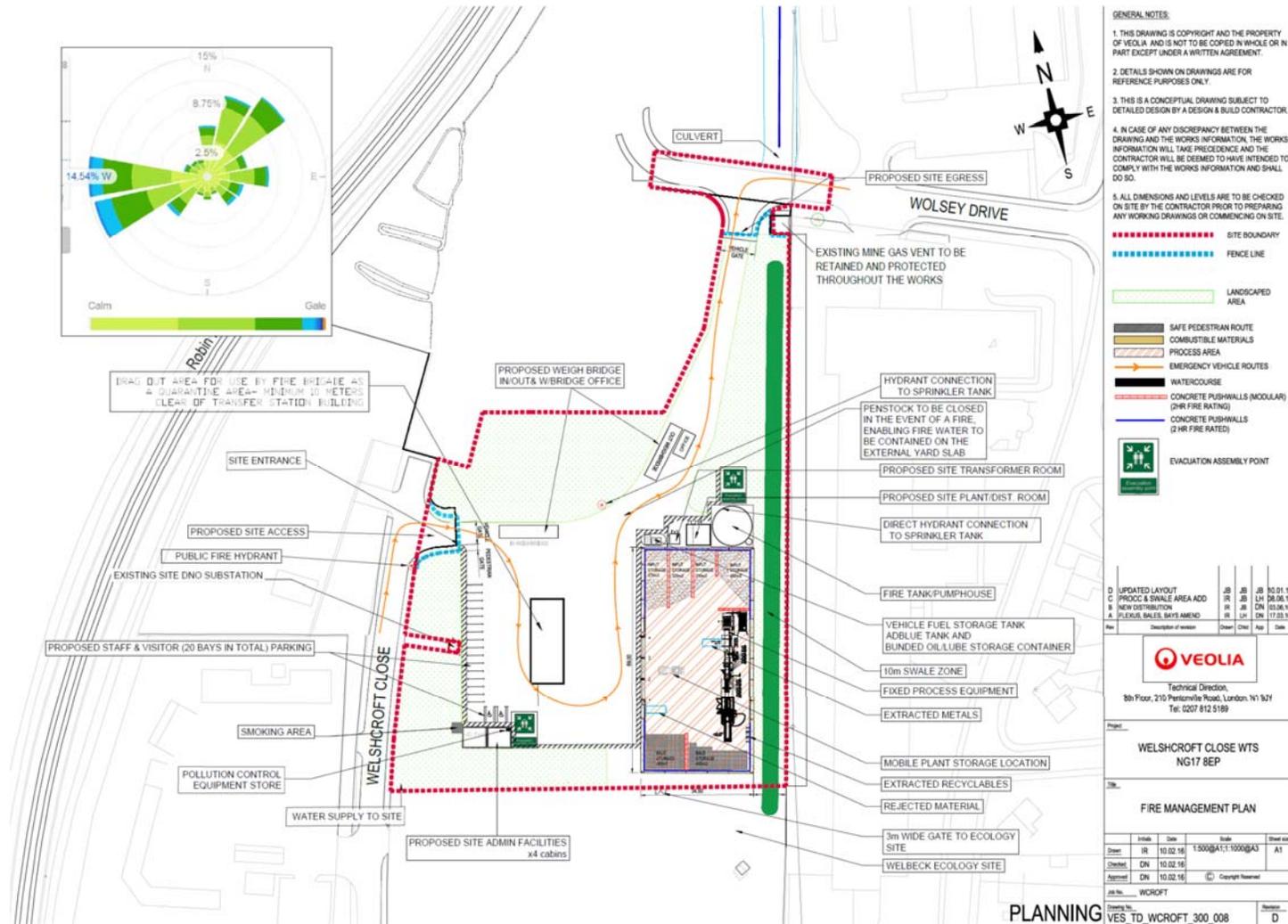
‘transition metals’ means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances

‘stabilisation’ means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste

‘solidification’ means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste

‘partly stabilised wastes’ means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term

# Schedule 7 – Site plan



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END OF PERMIT

Permit number  
 EPR/LP3839DK

**Permit Number: LP3839DK**

**Operator: Veolia ES Nottinghamshire Ltd**

**Facility: Welshcroft Close RDF Facility**

**Form Number: WaterUsage1 / 10/03/2017**

**Reporting of Water Usage for the year 20( )**

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

Operator's comments:

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

Date.....

**Permit Number: LP3839DK**

**Operator:**

Veolia ES Nottinghamshire Ltd

**Facility: Welshcroft Close RDF Facility**

**Form Number:**

**Energy1 / 10/03/2017**

**Reporting of Energy Usage for the year 20( )**

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)

**Permit Number:** LP3839DK **Operator:** Veolia ES Nottinghamshire Ltd

**Facility:** Welshcroft Close RDF Facility **Form Number:** Performance1 / 10/03/2017

**Reporting of other performance indicators for the period ( )/( )/( ) to ( )/( )/( )**

Parameter	Units
Total raw material used	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)