

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Veolia ES Nottinghamshire Limited
Welshcroft Close Transfer Station
Welshcroft Close
Kirby in Ashfield
Nottinghamshire
NG17 8EP

Variation application number

EPR/LP3839DK/V003

Permit number

EPR/LP3839DK

Welshcroft Close Transfer Station

Permit number EPR/LP3839DK

Introductory note

This introductory note does not form a part of the notice

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

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

The variation allows the following changes to the permit;

- A new emission point to air A1, has been added from the main Refuse Derived Fuel (RDF) building.
- The addition of a waste transfer activity, allowing the storage and transfer of waste codes listed in Table S2.3. Wastes will be stored within the main RDF building in open fronted bays prior to loading for off-site recovery, with the exception of glass which will be stored outside on an impermeable surface. The transfer station can be used for the transfer of residual non-recyclables in the event that the production of RDF is not available.

Table S1.1 Activities & Table S2.2 permitted wastes, have been updated to incorporate the changes as described above.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/LP3839DK/A001	Duly made 29/11/2017	Application for a Refuse Derived Fuel production site with associated transfer station.
Additional information received	24/01/2017 26/01/2017	Response to Schedule 5 Notice (1) dated 06/01/17 – revised Fire Prevention Plan
Additional information received	31/01/2017 01/02/2017 07/02/2017	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	10/03/2017	Permit issued to Veolia ES Nottinghamshire Limited.
Environment Agency led variation EPR/LP3839DK/V002	EA led variation form received 20/04/2017	EA led variation initiated to include monitoring requirements for dissolved metals in the effluent to be discharged to sewer.
Variation determined EPR/LP3839DK	04/05/2017	Varied and consolidated permit issued in modern condition format.
Application received EPR/LP3839DK/V003 (variation and consolidation)	Duly made 11/04/2017	Application received to vary permit to include new point source emission point to air (A1)

Status log of the permit		
Description	Date	Comments
Additional information received	27/07/2017	Response to Schedule 5 Notice dated 28/06//2017 – revised Fire Prevention Plan & Odour Management Plan.
Additional information received	25/09/2017	Updated Odour Management Plan Rev 5 Updated Fire Prevention Plan Rev 5 and associated drawing and appendices
Additional information received	04/12/2017	Response to Schedule 5 Notice (2) dated 21/11/2017. Revised Odour Management Plan Rev 6.
Variation determined EPR/LP3839DK (PAS billing ref: WP3534YP)	22/05/2018	Permit issued to Veolia ES Nottinghamshire Limited.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/LP3839DK

Issued to

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 Transfer Station
Welshcroft Close
Kirby in Ashfield
Nottinghamshire
NG17 8EP**

to the extent set out in the schedules.

The notice shall take effect from 22/05/2018

Name	Date
National Permitting Team Leader	22/05/2018

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/LP3839DK

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LP3839DK/V003 authorising,

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 Transfer Station
Welshcroft Close
Kirby in Ashfield
Nottinghamshire
NG17 8EP**

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

Name	Date
National Permitting Team Leader	22/05/2018

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 (AR1)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 (AR1) 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 (AR1) 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 For the following activities referenced in schedule 1, table S1.1 (AR1) 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 S2.3.
 - (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, S3.2 and S3.3.
- 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.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any

approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;

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.

3.7.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
- (b) implement the fire prevention 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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production /treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

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

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

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

- (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 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

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
AR1	S5.4 A1 (a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment.	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 within the process building on an impermeable surface with sealed drainage. Waste types as specified in table S2.2.
Directly Associated Activity			
AR2	Temporary 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 AR1 only. Waste types as specified in table S2.2.
AR3	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
AR4	Storage of fuel and oil.	Storage of fuel and lubricating oils for the operation of plant and machinery	From receipt of fuel to storage and use. Oils to be stored in adequately bunded containers located on an impermeable surface with sealed drainage. No more than 1,000 tonnes to be stored at any one time.
AR5	Water discharges to surface waters.	Discharges of site drainage from the facility.	Collection of uncontaminated surface water from external yard areas that have not been in contact with waste via site drainage

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
			system to point of discharge into River Maun via an interceptor and a swale.
Activity reference	Description of activities for waste operations	Limits of activities	
AR6	<p>Waste transfer station</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>From receipt of waste to storage prior to despatch off site for recovery.</p> <p>Treatment consisting only of manual sorting or manual separation of waste into different components for recovery.</p> <p>All waste storage and handling must take place within the process building on an impermeable surface with sealed drainage. Excluding the storage of glass which will take place outside of the process building.</p> <p>Waste types as specified in Table S2.3.</p>	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/LP3839DK/A001	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
Variation Application EPR/LP3839DK/V003	Parts B, C2 & C3 of the application forms and the supporting information listed within them namely 'Environmental Variation Application Non-Technical Summary, Odour Management Plan Welshcroft Close RDF Facility Odour Monitoring Plan V3 Feb 2017 & Fire Prevention Plan reference 'Welshcroft Close Fire Prevention Plan V3 Feb 2017'	Duly Made 11/04/2017
Response to Schedule 5 Notice dated 28/06/2017	Response to questions and revised FPP with associated documents reference 'Welshcroft Close RDF/Transfer Facility Fire Prevention Plan v4 July 2017. Response to questions and revised OMP referenced 'Welshcroft Close RFT/Transfer Facility Odour Management Plan Rev4 July 2017	27/07/2017
Updated Fire Prevention Plan	Updated Fire Prevention Plan and associated appendices referenced 'Fire Prevention Plan Welshcroft Close RDF/Transfer Facility Version 5 -September 2017'.	25/09/2017
Response to Schedule 5 Notice dated 21/11/2017	Revised Odour Management Plan referenced 'Welshcroft Close RFT/Transfer Facility Odour Management Plan Rev 6 Nov 2017	04/12/2017
Updated Environmental Risk Assessment	Updated Risk assessment detailing the storage of glass/glass packaging. Excluding references made to the use of suppression sprays onsite.	07/02/2018

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
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> <p>Completed. No further action required.</p>

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Mobile Plant Fuel Oil	Less than 1.0% sulphur content.

Table S2.2 Permitted waste types and quantities for storage and the production of RDF (Activities AR1, AR2 & AR6).	
Maximum quantity	Combined maximum quantity of 75,000 tonnes throughput per annum for Activities AR1, AR2 & AR6. Storage of a total maximum of 1,355m ³ of loose waste in the input bays and a total maximum of 624m ³ of baled compacted waste in the bale storage areas at any one time.
Waste code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 06	Wastes from the baking and confectionary industry
02 06 02	Wastes from preserving agents
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	Wastes from pulp, paper and cardboard production and processing
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
10	WASTES FROM THERMAL PROCESSES
10 09	Wastes from casting of ferrous pieces
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
10 10	Wastes from casting of non-ferrous pieces
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
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	Packaging (including separately collected municipal packaging waste)
15 01 05	Composite packaging
15 01 06	Mixed packaging
15 02	Absorbents, filter materials, wiping cloths and protective clothing
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02*
16	WASTE NOT OTHERWISE SPECIFIED ON THE LIST
16 02	Wastes from electrical and electronic equipment
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13

Table S2.2 Permitted waste types and quantities for storage and the production of RDF (Activities AR1, AR2 & AR6).	
Maximum quantity	Combined maximum quantity of 75,000 tonnes throughput per annum for Activities AR1, AR2 & AR6. Storage of a total maximum of 1,355m ³ of loose waste in the input bays and a total maximum of 624m ³ of baled compacted waste in the bale storage areas at any one time.
Waste code	Description
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15
16 03	Off-specification batches and unused products
16 03 06	Organic wastes other than those mentioned in 16 03 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 02	Wastes from physic/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
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
19 05	Wastes from aerobic treatment of solid wastes
19 05 01	Non-composted fraction of municipal and similar wastes
19 05 02	Non-composted fraction of animal and vegetable
19 12	Wastes from the mechanical treatment of waste (including dechromatation, decyanidation, neutralisation)
19 12 10	Combustible waste (refuse derived fuel)
19 13	Wastes from soil and groundwater remediation
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 41	Wastes from chimney sweeping
20 03	Other municipal wastes
20 03 01	Mixed municipal wastes
20 03 03	Street-cleaning residues
20 03 07	Bulky waste

Table S2.3 Permitted waste types and quantities for the Waste Transfer Station (Activities AR6).	
Maximum quantity	Combined maximum quantity of 75,000 tonnes throughput per annum for Activities AR 1, AR 2 & AR6. Storage of a total maximum of 1,355m ³ of loose waste in the input bays and a total maximum of 624m ³ of baled compacted waste in the bale storage areas at any one time.
Waste code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 06	Wastes from the baking and confectionary industry
02 06 02	Wastes from preserving agents
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	Wastes from pulp, paper and cardboard production and processing
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
10	WASTES FROM THERMAL PROCESSES
10 09	Wastes from casting of ferrous pieces
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
10 10	Wastes from casting of non-ferrous pieces
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
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	Packaging (including separately collected municipal packaging waste)
15 01 05	Composite packaging
15 01 06	Mixed packaging
15 01 07	Glass packaging
15 02	Absorbents, filter materials, wiping cloths and protective clothing
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02*
16	WASTE NOT OTHERWISE SPECIFIED ON THE LIST
16 02	Wastes from electrical and electronic equipment
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
16 03	Off-specification batches and unused products
16 03 06	Organic wastes other than those mentioned in 16 03 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01

Table S2.3 Permitted waste types and quantities for the Waste Transfer Station (Activities AR6).	
Maximum quantity	Combined maximum quantity of 75,000 tonnes throughput per annum for Activities AR 1, AR 2 & AR6. Storage of a total maximum of 1,355m ³ of loose waste in the input bays and a total maximum of 624m ³ of baled compacted waste in the bale storage areas at any one time.
Waste code	Description
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER FOR HUMAN CONSUMPTION/INDUSTRIAL USE
19 02	Wastes from physic/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
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
19 05	Wastes from aerobic treatment of solid wastes
19 05 01	Non-composted fraction of municipal and similar wastes
19 05 02	Non-composted fraction of animal and vegetable
19 12	Wastes from the mechanical treatment of waste (including dechromatation, decyanidation, neutralisation)
19 12 10	Combustible waste (refuse derived fuel)
19 13	Wastes from soil and groundwater remediation
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 02	Glass
20 01 41	Wastes from chimney sweeping
20 03	Other municipal wastes
20 03 01	Mixed municipal wastes
20 03 03	Street-cleaning residues
20 03 07	Bulky waste

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 Emission point on site plan in schedule 7 emission to air	Air extraction from main RDF building	Odour	No limits set	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 Emission point on site plan in schedule 7 emission to River Maun	Uncontaminated surface water run off via interceptor and swale	No parameters set	No limit set	-	-	-

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 Emission point to sewer as shown on site plan in schedule 7 emission to Severn Trent Water Sewage Treatment Works (Kirkby-in-Ashfield WwTW)	Wash down water from RDF treatment and storage building	Copper (dissolved, filtered)	No limit set	Spot Sample	Once weekly during discharge of wash down water	Any agreed method as found in monitoring guidance M18 for 'Trace metals (Multi determinand methods)'
		Iron (dissolved, filtered)	No limit set			
		Lead (dissolved, filtered)	No limit set			
		Manganese (dissolved, filtered)	No limit set			
		Nickel (dissolved, filtered)	No limit set			
		Zinc (dissolved, filtered)	No limit set			

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to Sewer Parameters as required by condition 3.5.1.	S1	Every 12 months	1 January

Table S4.2: Annual treatment	
Parameter	Units
Treatment of non-hazardous waste for the production of Refuse Derived Fuel	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Continuous and Recorded	tonnes
Energy usage	Continuous and Recorded	MWh
Total raw material used	Continuous and Recorded	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	03/05/2017
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	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

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

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

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

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

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

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

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

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

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/those tables 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

