



# Notice of variation and consolidation with introductory note

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

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Veolia ES (UK) Limited  
Norwood Recycling Centre  
Norwood Industrial Estate  
Rotherham Road  
Killamarsh  
Sheffield  
S21 2DR

**Permit number**

EPR/CB3805KE

# Norwood Recycling Centre

## Permit number EPR/CB3805KE

### Introductory note

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

The following notice gives notice of the variation and consolidation of an environmental 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 Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and transitions this facility from a waste operation to an IED installation.

The primary activity undertaken at this facility is the blending of non-hazardous and hazardous solvents from industrial sources to produce secondary liquid fuel (SLF). Also undertaken is the handling of packaged waste for the purpose of on-site treatment or storage pending transfer for off-site recovery, treatment or disposal.

The facility has been in operation as a waste activity since 1977. When the PPC Regulations came into force the company adopted a 10 tonne per day limit on hazardous wastes for disposal, thereby avoiding being regulated as an installation. The implementation of IED means that a number of the activities undertaken at the facility are now captured by the Environmental Permitting Regulations 2013 and the facility requires permitting as an installation.

The Schedule 1 activities undertaken at the facility comprise:

1. Section 5.3 Part A (1)(a)(iii) – blending of hazardous wastes exceeding 10 tonnes per day, comprising solvents;
2. Section 5.3 Part A (1)(a)(iv) – repackaging of hazardous substances prior to other listed activities;
3. Section 5.4 Part A (1)(b)(ii) – recovery of non-hazardous wastes with a capacity exceeding 75 tonnes per day, comprising solvents;
4. Section 5.6 A(1)(a) – temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

As part of this variation a new waste paper-pulping activity is being added to the permit. This will take place within a building with sealed surfacing and drainage.

Other non-listed waste activities include the storage of non-hazardous waste for off-site disposal.

The total throughput of the facility is 71,200 tonnes per year, comprising 62,000 tonnes waste solvent to produce SLF or be transferred, 8,000 tonnes waste paper for pulping and 1,200 tonnes per year of WEEE waste including refrigeration equipment.

Emissions to air from the facility are primarily related to solvent repackaging and blending activities, which take place in the SLF production area. Fugitive emissions from tanker unloading are minimised by vapours being vented back to tankers, whilst the tank farm is fitted with two scrubbers and carbon filter systems. Residual fugitive emissions to air are avoided through rejecting particularly malodorous incoming wastes, prioritising the blending of remaining odorous materials, minimising the time that drums and IBCs are required to be opened, and responding to any spills promptly.

Emissions to water comprise a discharge to public sewer consented by Yorkshire Water; site processes are kept separate from this so the majority of flow comprises rainwater runoff. Runoff is collected into a series of interceptors and is sampled prior to discharge. Fugitive emissions to water are minimised through all

operational areas of the facility being surfaced with concrete paving and the installation of kerbing where required. Construction joints and drainage systems are sealed.

Noise is not considered to be a significant issue.

The facility has an extensive environmental management system (EMS), certified to ISO14001, which includes procedures and work instructions specific to the activities on-site.

The site is situated in a semi-rural location, with the nearest residential receptors approximately 200 m to the southeast and the disused Chesterfield canal, which is a local wildlife site, running along the southwestern boundary. There are no European sites within 1 km of the site and the nearest SSSI is approximately 4 km to the southwest. There are considered to be no mechanisms for the facility to significantly impact on sensitive habitats or species.

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.

The schedules specify the changes made to the original permit.

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>
Waste disposal licence PK01 issued to Croda Hydrocarbons Limited	07/09/77	
Licence transferred to Polymeric Treatments Limited	12/03/79	
Modification	10/05/79	
Modification	19/03/81	
Modification	24/02/83	
Modification	08/01/87	
Modification	20/11/87	
Modification	14/10/91	
Modification (new licence ref. EAWML 61923)	19/02/98	Now treated as a Waste Management Licence
Modification	30/04/99	
Modification	16/09/03	
Modification	02/09/05	
Modification	05/04/07	
Variation application – new permit ref. EPR/EP3498ZR/V014	Duly made 22/09/11	Application to vary R codes to match modern definitions
Variation determined EPR/EP3498ZR	12/10/11	Varied permit issued
Transfer application – new permit ref. EPR/ CB3805KE/T001	Duly made 28/01/15	Application to transfer permit to Veolia ES (UK) Limited from Polymeric Treatments Limited
Transfer determined EPR/CB3805KE	19/05/15	Permit transferred to Veolia ES (UK) Limited

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/CB3805KE/V002	Duly made 28/01/15	Application to vary permit to incorporate provisions of Industrial Emissions Directive and to add paper pulping operations.
Additional information received	02/03/15	Additional BAT justifications and risk assessments.
Permit determined EPR/CB3805KE (PAS Billing ref. FP3337WG)	19/05/15	Permit issued to Veolia ES (UK) Limited.

End of introductory note

# Notice of variation

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

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

### Permit number

EPR/CB3805KE

### Issued to

**Veolia ES (UK) Limited** ("the operator"),

whose registered office is

**210 Pentonville Road**

**London**

**N1 9JY**

company registration number 2481991

to operate an installation at

**Norwood Recycling Centre**

**Norwood Industrial Estate**

**Rotherham Road**

**Killamarsh**

**Sheffield**

**S21 2DR**

to the extent set out in the schedules.

The notice shall take effect from 19/05/2015.

Name	Date
Anne Nightingale	19/05/2015.

Authorised on behalf of the Environment Agency

## **Schedule 1 – conditions to be deleted**

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

## **Schedule 2 – conditions to be amended**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/CB3805KE**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CB3805KE/V002 authorising,

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

whose registered office is

**210 Pentonville Road  
London  
N1 9JY**

company registration number 2481991

to operate an installation at

**Norwood Recycling Centre  
Norwood Industrial Estate  
Rotherham Road  
Killamarsh  
Sheffield  
S21 2DR**

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

<b>Name</b>	<b>Date</b>
<b>Anne Nightingale</b>	<b>19/05/2015</b>

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

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

### 1.2 Energy efficiency

- 1.2.1 For the 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 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 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.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
- 2.3.6 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.
- 2.3.7 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex VIII of the WEEE Directive.

## **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 S1.4 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.
- 3.3.2 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.

## **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;
  - (b) the performance parameters set out in schedule 4 table S4.1 using the forms specified in table S4.2 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) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
  - (b) 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
A1	S5.3 A(1)(a) Disposal or recovery of hazardous waste with capacity exceeding 10 tonnes per day involving one or more of the following activities:	(iii) blending or mixing prior to submission to any of the other activities listed in Section 5.3 or Section 5.1. D13 R3	Location of SLF production, tanker loading/offloading/washing and drum processing as identified on site plan in Schedule 7.  The activity shall be undertaken on impervious surfacing and served by a sealed drainage system.  Blended solvents to be recovered off-site as SLF or through direct recovery; wastes from the activity to be disposed off-site.  Maximum storage capacity for all D13 and R3 activities on the site shall not exceed 1,050 m <sup>3</sup> .  Waste types as specified in Table 2.1.
A2		(iv) repackaging prior to submission to any of the other activities listed in Section 5.3 or Section 5.1.  D14 Repackaging prior to the waste being submitted to any disposal activity covered by reference A1.	Transfer of bulk liquids into IBCs and transfer of wastes into alternative tanks and containers shall take place within areas provided with impervious surfacing and served by a sealed drainage system.
A3	S5.4 A1(b)(ii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day... involving one or more of the following activities and excluding activities covered by Council Directive 91/271/EEC- (ii) pre-treatment of waste for incineration or co-incineration.	D13. R3	Location of SLF production, tanker loading/offloading/washing and drum processing as identified on site plan in Schedule 7.  The activity shall be undertaken on impervious surfacing and served by a sealed drainage system.  Blended solvents to be recovered off-site as SLF or through direct recovery; wastes from the activity to be disposed off-site.  Maximum storage capacity for all D13 and R3 activities on the site shall not exceed 1,050m <sup>3</sup> .  Waste types as specified in Table S2.1.

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Description of activities for waste operations</b>	<b>Limits of activities</b>	
A4	S5.6 A1(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	D15 storage pending disposal.  R13 storage pending recovery.	<p>Location of activities on site plan in Schedule 7.</p> <p>Maximum storage capacity for drums awaiting processing shall not exceed 4,500 x 205l equivalents.</p> <p>Maximum storage capacity for fridges and WEEE shall not exceed the equivalent of 760 fridges at a rate of 0.5 cubic metres of WEEE per fridge.</p> <p>Maximum storage capacity for empty drums awaiting despatch off-site shall not exceed 1,000 x 205l equivalents and 1,000 x 1,000l IBCs.</p> <p>Excludes temporary storage, pending collection, on the site where it is produced.</p> <p>Waste types as specified in Table S2.1.</p>
A5	D15 – Temporary storage of non-hazardous waste pending any of the operations numbered D1 to D15 (excluding temporary storage, pending collection, on the site where it is produced).  R13 storage pending recovery.	<p>Location of activities on site plan in Schedule 7.</p> <p>Maximum storage capacity for drums awaiting processing shall not exceed 4,500 x 205l equivalents and 760 fridges or WEEE equivalents at a rate of 0.5 cubic metres of WEEE per fridge.</p> <p>Maximum storage capacity for empty drums awaiting despatch off-site shall not exceed 1,000 x 205l equivalents and 1,000 x 1,000l IBCs.</p> <p>Excludes temporary storage, pending collection, on the site where it is produced.</p> <p>Waste types as specified in Table S2.1.</p>	
A6	R3 - Recycling of waste paper and cardboard to produce cellulose fibre	<p>Location of activities on site plan in Schedule 7.</p> <p>All storage and treatment of waste must be carried out inside a building, on impervious surfacing and served by a sealed drainage system. Product storage may be in weatherproof containers stored on impervious surfacing and served by a sealed drainage system.</p> <p>Maximum storage capacity shall not exceed 500 tonnes.</p> <p>Maximum input shall not exceed 8,000 tonnes per year.</p> <p>Waste types as specified in Table S2.1.</p>	

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	<p>Sections C2.3d and C2.6 of the application documents provided in response to questions 3d and 6 respectively of Part C2 of the application form.</p> <p>Sections C3.3a and C3.4a of the application documents provided in response to questions 3a and 4a respectively of Part C3 of the application form.</p> <p>Section C4.3a of the application documents provided in response to questions 3a of Part C4 of the application form.</p>	Duly made 28/01/15
Response to Schedule 5 Notice dated 19/02/15	Response to question 1 providing comparison of site procedures with BAT requirements.	02/03/15

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IP1	<p>The operator shall prepare and submit to the Environment Agency for approval a report describing the results of the paper pulping activity trial. This shall include as a minimum:</p> <ul style="list-style-type: none"> <li>• A description of the techniques and equipment used in the trial of the activity and any changes required to scale it up to a commercial activity; this should include details of any pollution abatement plant.</li> <li>• Details of the product specification you have achieved in the trial, what you are proposing for the commercial product, and an identification of the end markets for that product.</li> <li>• A summary of the environmental impacts of the activity using the H1 environmental assessment, including details of the emissions to air, water, land and the arisings of waste.</li> <li>• Details of your plans for scaling the trial up to a commercial activity, to include assessments of the anticipated environmental impacts.</li> </ul> <p>The purpose of this report is for the Environment Agency to gain an understanding of the actual environmental impacts of the trial activity and the potential environmental implications of the scaling up of the trial to become a commercial activity.</p>	Within 6 months of the commencement of the trial.



<b>Table S1.4 Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
1	<p>At least two months before commencement of the trial the operator shall prepare and submit to the Environment Agency for approval a report describing proposals for the paper pulping activity trial. This shall include as a minimum:</p> <ul style="list-style-type: none"> <li>• A description of the techniques and equipment proposed to be used in the trial of the activity, which should include details of any pollution abatement plant.</li> <li>• The anticipated duration of the trial.</li> <li>• Details of the product specification to be aimed for.</li> <li>• A prediction of the main potential environmental impacts of the activity, including details of the emissions to air, water, land and the arisings of waste.</li> <li>• A revised Process Hazard Review incorporating the Environment Agency guidance on Fire prevention plans, version 2, March 2015.</li> </ul> <p>The operator shall carry out the trial in accordance with the approved proposals.</p>

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

Table S2.1 Permitted waste types and quantities for activities:		A1, A3	A2,A4, A5	A6
<b>Maximum quantity</b>	<b>63,200 tonnes per year</b>	✓		
	<b>8,000 tonnes per year</b>			✓
<b>Waste code</b>	<b>Description</b>	A1, A3	A2,A4, A5	A6
<b>01</b>	<b>Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>			
<b>01 01</b>	<b>wastes from mineral excavation</b>			
01 01 01	wastes from mineral metalliferous excavation		✓	
01 01 02	wastes from mineral non-metalliferous excavation		✓	
<b>01 03</b>	<b>wastes from physical and chemical processing of metalliferous minerals</b>			
01 03 04*	acid-generating tailings from processing of sulphide ore		✓	
01 03 05*	other tailings containing dangerous substances		✓	
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05		✓	
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals		✓	
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07		✓	
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07		✓	
<b>01 04</b>	<b>wastes from physical and chemical processing of non-metalliferous minerals</b>			
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals		✓	
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07		✓	
01 04 09	waste sand and clays		✓	
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07		✓	
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07		✓	
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11	✓	✓	
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07		✓	
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>			
01 05 04	freshwater drilling muds and wastes	✓	✓	
01 05 05*	oil-containing drilling muds and wastes	✓	✓	
01 05 06*	drilling muds and other drilling wastes containing dangerous substances	✓	✓	
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06		✓	
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
<b>02</b>	<b>Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing</b>			
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>			
02 01 01	sludges from washing and cleaning	✓	✓	
02 01 04	waste plastics (except packaging)		✓	
02 01 07	wastes from forestry	✓	✓	
02 01 08*	agrochemical waste containing dangerous substances	✓	✓	
02 01 09	agrochemical waste other than those mentioned in 02 01 08	✓	✓	
02 01 10	waste metal		✓	
<b>02 02</b>	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>			
02 02 04	sludges from on-site effluent treatment	✓	✓	
<b>02 03</b>	<b>wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation</b>			
02 03 02	wastes from preserving agents	✓	✓	
02 03 03	wastes from solvent extraction	✓	✓	
02 03 04	materials unsuitable for consumption or processing	✓	✓	
02 03 05	sludges from on-site effluent treatment	✓	✓	
<b>02 04</b>	<b>wastes from sugar processing</b>			
02 04 01	soil from cleaning and washing beet		✓	
02 04 02	off-specification calcium carbonate		✓	
02 04 03	sludges from on-site effluent treatment	✓	✓	
<b>02 05</b>	<b>wastes from the dairy products industry</b>			
02 05 02	sludges from on-site effluent treatment	✓	✓	
<b>02 06</b>	<b>wastes from the baking and confectionery industry</b>			
02 06 02	wastes from preserving agents	✓	✓	
02 06 03	sludges from on-site effluent treatment	✓	✓	
<b>02 07</b>	<b>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>			
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials	✓	✓	
02 07 02	wastes from spirits distillation	✓	✓	
02 07 03	wastes from chemical treatment	✓	✓	
02 07 04	materials unsuitable for consumption or processing	✓	✓	
02 07 05	sludges from on-site effluent treatment	✓	✓	
<b>03</b>	<b>Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard</b>			
<b>03 01</b>	<b>wastes from wood processing and the production of panels and furniture</b>			
03 01 01	waste bark and cork		✓	
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04		✓	
<b>03 02</b>	<b>wastes from wood preservation</b>			
03 02 01*	non-halogenated organic wood preservatives	✓	✓	
03 02 02*	organochlorinated wood preservatives	✓	✓	
03 02 03*	organometallic wood preservatives	✓	✓	
03 02 04*	inorganic wood preservatives	✓	✓	
03 02 05*	other wood preservatives containing dangerous substances	✓	✓	
<b>03 03</b>	<b>wastes from pulp, paper and cardboard production and processing</b>			
03 03 01	waste bark and wood		✓	
03 03 02	green liquor sludge (from recovery of cooking liquor)	✓	✓	
03 03 05	de-inking sludges from paper recycling	✓	✓	
03 03 07	wastes from sorting of paper and cardboard destined for recycling		✓	
03 03 08	wastes from sorting of paper and cardboard destined for recycling		✓	
03 03 09	lime mud waste	✓	✓	
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation		✓	
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10	✓	✓	
<b>04</b>	<b>Wastes from the leather, fur and textile industries</b>			
<b>04 01</b>	<b>wastes from the leather and fur industry</b>			
04 01 01	fleshings and lime split wastes		✓	
04 01 02	liming waste		✓	
04 01 03*	degreasing wastes containing solvents without a liquid phase	✓	✓	
04 01 04	tanning liquor containing chromium	✓	✓	
04 01 05	tanning liquor free of chromium	✓	✓	
04 01 06	sludges, in particular from on-site effluent treatment containing chromium	✓	✓	
04 01 07	sludges, in particular from on-site effluent treatment free of chromium	✓	✓	
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium		✓	
04 01 09	wastes from dressing and finishing		✓	
<b>04 02</b>	<b>wastes from the textile industry</b>			
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)		✓	
04 02 10	organic matter from natural products (for example grease, wax)	✓	✓	
04 02 14*	wastes from finishing containing organic solvents	✓	✓	
04 02 15	wastes from finishing other than those mentioned in 04 02 14	✓	✓	
04 02 16*	dyestuffs and pigments containing dangerous substances	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
04 02 17	dye stuffs and pigments other than those mentioned in 04 02 16	✓	✓	
04 02 19*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19	✓	✓	
04 02 21	wastes from unprocessed textile fibres		✓	
04 02 22	wastes from processed textile fibres		✓	
<b>05</b>	<b>Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal</b>			
<b>05 01</b>	<b>wastes from petroleum refining</b>			
05 01 02*	desalter sludges	✓	✓	
05 01 03*	tank bottom sludges	✓	✓	
05 01 04*	acid alkyl sludges	✓	✓	
05 01 05*	oil spills	✓	✓	
05 01 06*	oily sludges from maintenance operations of the plant or equipment	✓	✓	
05 01 07*	acid tars	✓	✓	
05 01 08*	other tars	✓	✓	
05 01 09*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09	✓	✓	
05 01 11*	wastes from cleaning of fuels with bases	✓	✓	
05 01 12*	oil containing acids	✓	✓	
05 01 13	boiler feedwater sludges	✓	✓	
05 01 14	wastes from cooling columns	✓	✓	
05 01 15*	spent filter clays	✓	✓	
05 01 16	sulphur-containing wastes from petroleum desulphurisation		✓	
05 01 17	bitumen	✓	✓	
<b>05 06</b>	<b>wastes from the pyrolytic treatment of coal</b>			
05 06 01*	acid tars	✓	✓	
05 06 03*	other tars	✓	✓	
05 06 04	waste from cooling columns	✓	✓	
<b>05 07</b>	<b>wastes from natural gas purification and transportation</b>			
05 07 01*	wastes containing mercury		✓	
05 07 02	wastes containing sulphur	✓	✓	
<b>06</b>	<b>Wastes from inorganic chemical processes</b>			
<b>06 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of acids</b>			
06 01 01*	sulphuric acid and sulphurous acid		✓	
06 01 02*	hydrochloric acid		✓	
06 01 03*	hydrofluoric acid		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
06 01 04*	phosphoric and phosphorous acid		✓	
06 01 05*	nitric acid and nitrous acid		✓	
06 01 06*	other acids		✓	
<b>06 02</b>	<b>wastes from the MFSU of bases</b>			
06 02 01*	calcium hydroxide	✓	✓	
06 02 03*	ammonium hydroxide	✓	✓	
06 02 04*	sodium and potassium hydroxide	✓	✓	
06 02 05*	other bases	✓	✓	
<b>06 03</b>	<b>wastes from the MFSU of salts and their solutions and metallic oxides</b>			
06 03 11*	solid salts and solutions containing cyanides		✓	
06 03 13*	solid salts and solutions containing heavy metals		✓	
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13		✓	
06 03 15	metallic oxides containing heavy metals		✓	
06 03 16	metallic oxides other than those mentioned in 06 03 15		✓	
<b>06 04</b>	<b>metal-containing wastes other than those mentioned in 06 03</b>			
06 04 03*	wastes containing arsenic		✓	
06 04 04*	wastes containing mercury		✓	
06 04 05*	wastes containing other heavy metals		✓	
<b>06 05</b>	<b>sludges from on-site effluent treatment</b>			
06 05 02*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02	✓	✓	
<b>06 06</b>	<b>wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes</b>			
06 06 02*	wastes containing dangerous sulphides	✓	✓	
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02	✓	✓	
<b>06 07</b>	<b>wastes from the MFSU of halogens and halogen chemical processes</b>			
06 07 01*	wastes containing asbestos from electrolysis		✓	
06 07 02*	activated carbon from chlorine production		✓	
06 07 03*	barium sulphate sludge containing mercury		✓	
06 07 04*	solutions and acids, for example contact acid		✓	
<b>06 08</b>	<b>wastes from the MFSU of silicon and silicon derivatives</b>			
06 08 02*	waste containing dangerous silicones	✓	✓	
<b>06 09</b>	<b>wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes</b>			
06 09 02	phosphorous slag		✓	
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03	✓	✓	
<b>06 10</b>	<b>wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture</b>			
06 10 02*	wastes containing dangerous substances	✓	✓	
<b>06 11</b>	<b>wastes from the manufacture of inorganic pigments and opacifiers</b>			
06 11 01	calcium-based reaction wastes from titanium dioxide production		✓	
<b>06 13</b>	<b>wastes from inorganic chemical processes not otherwise specified</b>			
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides	✓	✓	
06 13 02*	spent activated carbon (except 06 07 02)	✓	✓	
06 13 03	carbon black		✓	
06 13 04*	wastes from asbestos processing		✓	
06 13 05*	soot		✓	
<b>07</b>	<b>Wastes from organic chemical processes</b>			
<b>07 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals</b>			
07 01 01*	aqueous washing liquids and mother liquors	✓	✓	
07 01 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 01 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 01 07*	halogenated still bottoms and reaction residues	✓	✓	
07 01 08*	other still bottoms and reaction residues	✓	✓	
07 01 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 01 10*	other filter cakes and spent absorbents	✓	✓	
07 01 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11	✓	✓	
<b>07 02</b>	<b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>			
07 02 01*	aqueous washing liquids and mother liquors	✓	✓	
07 02 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 02 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 02 07*	halogenated still bottoms and reaction residues	✓	✓	
07 02 08*	other still bottoms and reaction residues	✓	✓	
07 02 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 02 10*	other filter cakes and spent absorbents	✓	✓	
07 02 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11	✓	✓	
07 02 13	waste plastic		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
07 02 14*	wastes from additives containing dangerous substances	✓	✓	
07 02 15	wastes from additives other than those mentioned in 07 02 14	✓	✓	
07 02 16*	waste containing dangerous silicones	✓	✓	
07 02 17	waste containing silicones other than those mentioned in 07 02 16	✓	✓	
<b>07 03</b>	<b>wastes from the MFSU of organic dyes and pigments (except 06 11)</b>			
07 03 01*	aqueous washing liquids and mother liquors	✓	✓	
07 03 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 03 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 03 07*	halogenated still bottoms and reaction residues	✓	✓	
07 03 08*	other still bottoms and reaction residues	✓	✓	
07 03 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 03 10*	other filter cakes and spent absorbents	✓	✓	
07 03 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11	✓	✓	
<b>07 04</b>	<b>wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides</b>			
07 04 01*	aqueous washing liquids and mother liquors	✓	✓	
07 04 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 04 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 04 07*	halogenated still bottoms and reaction residues	✓	✓	
07 04 08*	other still bottoms and reaction residues	✓	✓	
07 04 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 04 10*	other filter cakes and spent absorbents	✓	✓	
07 04 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11	✓	✓	
07 04 13*	solid wastes containing dangerous substances	✓	✓	
<b>07 05</b>	<b>wastes from the MFSU of pharmaceuticals</b>			
07 05 01*	aqueous washing liquids and mother liquors	✓	✓	
07 05 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 05 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 05 07*	halogenated still bottoms and reaction residues	✓	✓	
07 05 08*	other still bottoms and reaction residues	✓	✓	
07 05 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 05 10*	other filter cakes and spent absorbents	✓	✓	



Waste code	Description	A1, A3	A2,A4, A5	A6
07 05 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11	✓	✓	
07 05 13*	solid wastes containing dangerous substances	✓	✓	
07 05 14	solid wastes other than those mentioned in 07 05 13	✓	✓	
<b>07 06</b>	<b>wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics</b>			
07 06 01*	aqueous washing liquids and mother liquors	✓	✓	
07 06 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 06 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 06 07*	halogenated still bottoms and reaction residues	✓	✓	
07 06 08*	other still bottoms and reaction residues	✓	✓	
07 06 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 06 10*	other filter cakes and spent absorbents	✓	✓	
07 06 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11	✓	✓	
<b>07 07</b>	<b>wastes from the MFSU of fine chemicals and chemical products not otherwise specified</b>			
07 07 01*	aqueous washing liquids and mother liquors	✓	✓	
07 07 03*	organic halogenated solvents, washing liquids and mother liquors	✓	✓	
07 07 04*	other organic solvents, washing liquids and mother liquors	✓	✓	
07 07 07*	halogenated still bottoms and reaction residues	✓	✓	
07 07 08*	other still bottoms and reaction residues	✓	✓	
07 07 09*	halogenated filter cakes and spent absorbents	✓	✓	
07 07 10*	other filter cakes and spent absorbents	✓	✓	
07 07 11*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11	✓	✓	
<b>08</b>	<b>Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks</b>			
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>			
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances	✓	✓	
08 01 12	waste paint and varnish other than those mentioned in 08 01 11	✓	✓	
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13	✓	✓	
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	✓	✓	
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15	✓	✓	
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances	✓	✓	
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17	✓	✓	
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances	✓	✓	
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19	✓	✓	
08 01 21*	waste paint or varnish remover	✓	✓	
<b>08 02</b>	<b>wastes from MFSU of other coatings (including ceramic materials)</b>			
08 02 01	waste coating powders		✓	
08 02 02	aqueous sludges containing ceramic materials	✓	✓	
08 02 03	aqueous suspensions containing ceramic materials	✓	✓	
<b>08 03</b>	<b>wastes from MFSU of printing inks</b>			
08 03 07	aqueous sludges containing ink	✓	✓	
08 03 08	aqueous liquid waste containing ink	✓	✓	
08 03 12*	waste ink containing dangerous substances	✓	✓	
08 03 13	waste ink other than those mentioned in 08 03 12	✓	✓	
08 03 14*	ink sludges containing dangerous substances	✓	✓	
08 03 15	ink sludges other than those mentioned in 08 03 14	✓	✓	
08 03 16*	waste etching solutions	✓	✓	
08 03 17*	waste printing toner containing dangerous substances	✓	✓	
08 03 18	waste printing toner other than those mentioned in 08 03 17	✓	✓	
08 03 19*	disperse oil	✓	✓	
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including water proofing products)</b>			
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances	✓	✓	
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	✓	✓	
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances	✓	✓	
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11	✓	✓	
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances	✓	✓	
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances	✓	✓	
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15	✓	✓	
08 04 17*	rosin oil	✓	✓	
<b>08 05</b>	<b>wastes not otherwise specified in 08</b>			
08 05 01*	waste isocyanates	✓	✓	
<b>09</b>	<b>Wastes from the photographic industry</b>			
<b>09 01</b>	<b>wastes from the photographic industry</b>			
09 01 01*	water-based developer and activator solutions	✓	✓	
09 01 02*	water-based offset plate developer solutions	✓	✓	
09 01 03*	solvent-based developer solutions	✓	✓	
09 01 04*	fixer solutions	✓	✓	
09 01 05*	bleach solutions and bleach fixer solutions	✓	✓	
09 01 06*	wastes containing silver from on-site treatment of photographic wastes	✓	✓	
09 01 07	photographic film and paper containing silver or silver compounds		✓	
09 01 08	photographic film and paper free of silver or silver compounds		✓	
09 01 10	single-use cameras without batteries		✓	
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03		✓	
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11		✓	
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	✓	✓	
<b>10</b>	<b>Wastes from thermal processes</b>			
<b>10 01</b>	<b>wastes from power stations and other combustion plants (except 19)</b>			
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)		✓	
10 01 02	coal fly ash		✓	
10 01 03	fly ash from peat and untreated wood		✓	
10 01 04*	oil fly ash and boiler dust		✓	
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form		✓	
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form		✓	
10 01 09	sulphuric acid		✓	
10 01 13*	fly ash from emulsified hydrocarbons used as fuel		✓	
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances		✓	
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
10 01 16*	fly ash from co-incineration containing dangerous substances		✓	
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16		✓	
10 01 18*	wastes from gas cleaning containing dangerous substances	✓	✓	
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18	✓	✓	
10 01 20*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20	✓	✓	
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances	✓	✓	
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22	✓	✓	
10 01 24	sands from fluidised beds		✓	
10 01 25	wastes from fuel storage and preparation of coal-fired power plants	✓	✓	
10 01 26	wastes from cooling-water treatment		✓	
<b>10 02</b>	<b>wastes from the iron and steel industry</b>			
10 02 01	wastes from the processing of slag		✓	
10 02 02	unprocessed slag		✓	
10 02 07*	solid wastes from gas treatment containing dangerous substances		✓	
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07		✓	
10 02 10	mill scales		✓	
10 02 11*	wastes from cooling-water treatment containing oil	✓	✓	
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11		✓	
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances	✓	✓	
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13	✓	✓	
10 02 15	other sludges and filter cakes	✓	✓	
<b>10 03</b>	<b>wastes from aluminium thermal metallurgy</b>			
10 03 02	anode scraps		✓	
10 03 04*	primary production slags		✓	
10 03 05	waste alumina		✓	
10 03 08*	salt slags from secondary production		✓	
10 03 09*	black drosses from secondary production		✓	
10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities		✓	
10 03 16	skimmings other than those mentioned in 10 03 15		✓	
10 03 17*	tar-containing wastes from anode manufacture	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17		✓	
10 03 19*	flue-gas dust containing dangerous substances		✓	
10 03 20	flue-gas dust other than those mentioned in 10 03 19		✓	
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances		✓	
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21		✓	
10 03 23*	solid wastes from gas treatment containing dangerous substances		✓	
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23		✓	
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances		✓	
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25		✓	
10 03 27*	wastes from cooling-water treatment containing oil	✓	✓	
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27	✓	✓	
10 03 29*	wastes from treatment of salt slags and black drosses containing dangerous substances		✓	
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29		✓	
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>			
10 04 01*	slags from primary and secondary production		✓	
10 04 02*	dross and skimmings from primary and secondary production		✓	
10 04 03*	calcium arsenate		✓	
10 04 04*	flue-gas dust		✓	
10 04 05*	other particulates and dust		✓	
10 04 06*	solid wastes from gas treatment		✓	
10 04 07*	sludges and filter cakes from gas treatment		✓	
10 04 09*	wastes from cooling-water treatment containing oil	✓	✓	
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09	✓	✓	
<b>10 05</b>	<b>wastes from zinc thermal metallurgy</b>			
10 05 01	slags from primary and secondary production		✓	
10 05 03*	flue-gas dust		✓	
10 05 04	other particulates and dust		✓	
10 05 05*	solid waste from gas treatment		✓	
10 05 06*	sludges and filter cakes from gas treatment		✓	
10 05 08*	wastes from cooling-water treatment containing oil	✓	✓	
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities		✓	
10 05 11	dross and skimmings other than those mentioned in 10 05 10		✓	
<b>10 06</b>	<b>wastes from copper thermal metallurgy</b>			
10 06 01	slags from primary and secondary production		✓	
10 06 02	dross and skimmings from primary and secondary production		✓	
10 06 03*	flue-gas dust		✓	
10 06 04	other particulates and dust		✓	
10 06 06*	solid wastes from gas treatment		✓	
10 06 07*	sludges and filter cakes from gas treatment		✓	
10 06 09*	wastes from cooling-water treatment containing oil	✓	✓	
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09	✓	✓	
<b>10 07</b>	<b>wastes from silver, gold and platinum thermal metallurgy</b>			
10 07 01	slags from primary and secondary production		✓	
10 07 02	dross and skimmings from primary and secondary production		✓	
10 07 03	solid wastes from gas treatment		✓	
10 07 04	other particulates and dust		✓	
10 07 05	sludges and filter cakes from gas treatment		✓	
10 07 07*	wastes from cooling-water treatment containing oil	✓	✓	
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07	✓	✓	
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>			
10 08 08*	salt slag from primary and secondary production		✓	
10 08 09	other slags		✓	
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities		✓	
10 08 11	dross and skimmings other than those mentioned in 10 08 10		✓	
10 08 12*	tar-containing wastes from anode manufacture		✓	
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12		✓	
10 08 14	anode scrap		✓	
10 08 15*	flue-gas dust containing dangerous substances		✓	
10 08 16	flue-gas dust other than those mentioned in 10 08 15		✓	
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances		✓	
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17		✓	
10 08 19*	wastes from cooling-water treatment containing oil	✓	✓	
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19	✓	✓	
<b>10 09</b>	<b>wastes from casting of ferrous pieces</b>			

Waste code	Description	A1, A3	A2,A4, A5	A6
10 09 03	furnace slag		✓	
10 09 05*	casting cores and moulds which have not undergone pouring containing dangerous substances		✓	
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05		✓	
10 09 07*	casting cores and moulds which have undergone pouring containing dangerous substances		✓	
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07		✓	
10 09 09*	flue-gas dust containing dangerous substances		✓	
10 09 10	flue-gas dust other than those mentioned in 10 09 09		✓	
10 09 11*	other particulates containing dangerous substances		✓	
10 09 12	other particulates other than those mentioned in 10 09 11		✓	
10 09 13*	waste binders containing dangerous substances	✓	✓	
10 09 14	waste binders other than those mentioned in 10 09 13	✓	✓	
10 09 15*	waste crack-indicating agent containing dangerous substances	✓	✓	
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 03	furnace slag		✓	
10 10 05*	casting cores and moulds which have not undergone pouring, containing dangerous substances		✓	
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05		✓	
10 10 07*	casting cores and moulds which have undergone pouring, containing dangerous substances		✓	
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07		✓	
10 10 09*	flue-gas dust containing dangerous substances		✓	
10 10 10	flue-gas dust other than those mentioned in 10 10 09		✓	
10 10 11*	other particulates containing dangerous substances		✓	
10 10 12	other particulates other than those mentioned in 10 10 11		✓	
10 10 13*	waste binders containing dangerous substances	✓	✓	
10 10 14	waste binders other than those mentioned in 10 10 13	✓	✓	
10 10 15*	waste crack-indicating agent containing dangerous substances	✓	✓	
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15	✓	✓	
<b>10 11</b>	<b>wastes from manufacture of glass and glass products</b>			
10 11 03	waste glass-based fibrous materials		✓	
10 11 05	particulates and dust		✓	
10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09		✓	
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)		✓	
10 11 12	waste glass other than those mentioned in 10 11 11		✓	
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances		✓	
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13		✓	
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances		✓	
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15		✓	
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances		✓	
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17		✓	
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances		✓	
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19		✓	
<b>10 12</b>	<b>wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>			
10 12 01	waste preparation mixture before thermal processing		✓	
10 12 03	particulates and dust		✓	
10 12 05	sludges and filter cakes from gas treatment		✓	
10 12 06	discarded moulds		✓	
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)		✓	
10 12 09*	solid wastes from gas treatment containing dangerous substances		✓	
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09		✓	
10 12 11*	wastes from glazing containing heavy metals		✓	
10 12 12	wastes from glazing other than those mentioned in 10 12 11		✓	
10 12 13	sludge from on-site effluent treatment		✓	
<b>10 13</b>	<b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>			
10 13 01	waste preparation mixture before thermal processing		✓	
10 13 04	wastes from calcination and hydration of lime		✓	
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)		✓	
10 13 07	sludges and filter cakes from gas treatment		✓	
10 13 09*	wastes from asbestos-cement manufacture containing asbestos		✓	
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09		✓	



Waste code	Description	A1, A3	A2,A4, A5	A6
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10		✓	
10 13 12*	solid wastes from gas treatment containing dangerous substances		✓	
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12		✓	
10 13 14	waste concrete and concrete sludge		✓	
<b>10 14</b>	<b>waste from crematoria</b>			
10 14 01*	waste from gas cleaning containing mercury		✓	
<b>11</b>	<b>Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy</b>			
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)</b>			
11 01 05*	pickling acids		✓	
11 01 06*	acids not otherwise specified	✓	✓	
11 01 07*	pickling bases	✓	✓	
11 01 08*	phosphatising sludges		✓	
11 01 09*	sludges and filter cakes containing dangerous substances		✓	
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09		✓	
11 01 11*	aqueous rinsing liquids containing dangerous substances	✓	✓	
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11	✓	✓	
11 01 13*	degreasing wastes containing dangerous substances	✓	✓	
11 01 14	degreasing wastes other than those mentioned in 11 01 13	✓	✓	
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances	✓	✓	
11 01 16*	saturated or spent ion exchange resins		✓	
11 01 98*	other wastes containing dangerous substances	✓	✓	
<b>11 02</b>	<b>wastes from non-ferrous hydrometallurgical processes</b>			
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite)		✓	
11 02 03	wastes from the production of anodes for aqueous electrolytical processes		✓	
11 02 05*	wastes from copper hydrometallurgical processes containing dangerous substances		✓	
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05		✓	
11 02 07*	other wastes containing dangerous substances		✓	
<b>11 03</b>	<b>sludges and solids from tempering processes</b>			
11 03 01*	wastes containing cyanide		✓	
11 03 02*	other wastes		✓	
<b>11 05</b>	<b>wastes from hot galvanising processes</b>			
11 05 01	hard zinc		✓	
11 05 02	zinc ash		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
11 05 03*	solid wastes from gas treatment		✓	
11 05 04*	spent flux		✓	
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>			
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>			
12 01 01	ferrous metal filings and turnings		✓	
12 01 02	ferrous metal dust and particles		✓	
12 01 03	non-ferrous metal filings and turnings		✓	
12 01 04	non-ferrous metal dust and particles		✓	
12 01 05	plastics shavings and turnings		✓	
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)	✓	✓	
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)	✓	✓	
12 01 08*	machining emulsions and solutions containing halogens	✓	✓	
12 01 09*	machining emulsions and solutions free of halogens	✓	✓	
12 01 10*	synthetic machining oils	✓	✓	
12 01 12*	spent waxes and fats	✓	✓	
12 01 13	welding wastes		✓	
12 01 14*	machining sludges containing dangerous substances	✓	✓	
12 01 15	machining sludges other than those mentioned in 12 01 14	✓	✓	
12 01 16*	waste blasting material containing dangerous substances		✓	
12 01 17	waste blasting material other than those mentioned in 12 01 16		✓	
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	✓	✓	
12 01 19*	readily biodegradable machining oil	✓	✓	
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances		✓	
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20		✓	
<b>12 03</b>	<b>wastes from water and steam degreasing processes (except 11)</b>			
12 03 01*	aqueous washing liquids	✓	✓	
12 03 02*	steam degreasing wastes	✓	✓	
<b>13</b>	<b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)</b>			
<b>13 01</b>	<b>waste hydraulic oils</b>			
13 01 01*	hydraulic oils, containing PCBs <sup>1</sup>		✓	
13 01 04*	chlorinated emulsions	✓	✓	
13 01 05*	non-chlorinated emulsions	✓	✓	
13 01 09*	mineral-based chlorinated hydraulic oils	✓	✓	

<sup>1</sup> For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC.

Waste code	Description	A1, A3	A2,A4, A5	A6
13 01 10*	mineral based non-chlorinated hydraulic oils	✓	✓	
13 01 11*	synthetic hydraulic oils	✓	✓	
13 01 12*	readily biodegradable hydraulic oils	✓	✓	
13 01 13*	other hydraulic oils	✓	✓	
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>			
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils	✓	✓	
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	✓	✓	
13 02 06*	synthetic engine, gear and lubricating oils	✓	✓	
13 02 07*	readily biodegradable engine, gear and lubricating oils	✓	✓	
13 02 08*	other engine, gear and lubricating oils	✓	✓	
<b>13 03</b>	<b>waste insulating and heat transmission oils</b>			
13 03 01*	insulating or heat transmission oils containing PCBs		✓	
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	✓	✓	
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils	✓	✓	
13 03 08*	synthetic insulating and heat transmission oils	✓	✓	
13 03 09*	readily biodegradable insulating and heat transmission oils	✓	✓	
13 03 10*	other insulating and heat transmission oils	✓	✓	
<b>13 04</b>	<b>bilge oils</b>			
13 04 01*	bilge oils from inland navigation	✓	✓	
13 04 02*	bilge oils from jetty sewers	✓	✓	
13 04 03*	bilge oils from other navigation	✓	✓	
<b>13 05</b>	<b>oil/water separator contents</b>			
13 05 01*	solids from grit chambers and oil/water separators		✓	
13 05 02*	sludges from oil/water separators	✓	✓	
13 05 03*	interceptor sludges	✓	✓	
13 05 06*	oil from oil/water separators	✓	✓	
13 05 07*	oily water from oil/water separators	✓	✓	
13 05 08*	mixtures of wastes from grit chambers and oil/water separators	✓	✓	
<b>13 07</b>	<b>wastes of liquid fuels</b>			
13 07 01*	fuel oil and diesel	✓	✓	
13 07 02*	petrol	✓	✓	
13 07 03*	other fuels (including mixtures)	✓	✓	
<b>13 08</b>	<b>oil wastes not otherwise specified</b>			
13 08 01*	desalter sludges or emulsions	✓	✓	
13 08 02*	other emulsions	✓	✓	
<b>14</b>	<b>Waste organic solvents, refrigerants and propellants (except 07 and 08)</b>			
<b>14 06</b>	<b>waste organic solvents, refrigerants and foam/aerosol propellants</b>			
14 06 01*	chlorofluorocarbons, HCFC, HFC		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
14 06 02*	other halogenated solvents and solvent mixtures	✓	✓	
14 06 03*	other solvents and solvent mixtures	✓	✓	
14 06 04*	sludges or solid wastes containing halogenated solvents	✓	✓	
14 06 05*	sludges or solid wastes containing other solvents	✓	✓	
<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 01	paper and cardboard packaging		✓	✓
15 01 02	plastic packaging		✓	
15 01 03	wooden packaging		✓	
15 01 04	metallic packaging		✓	
15 01 05	composite packaging		✓	
15 01 06	mixed packaging		✓	
15 01 07	glass packaging		✓	
15 01 09	textile packaging		✓	
15 01 10*	packaging containing residues of or contaminated by dangerous substances		✓	
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers		✓	
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>			
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances		✓	
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02		✓	
<b>16</b>	<b>Wastes not otherwise specified in the list</b>			
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>			
16 01 03	end-of-life tyres		✓	
16 01 07*	oil filters		✓	
16 01 08*	components containing mercury		✓	
16 01 09*	components containing PCBs		✓	
16 01 11*	brake pads containing asbestos		✓	
16 01 12	brake pads other than those mentioned in 16 01 11		✓	
16 01 13*	brake fluids	✓	✓	
16 01 14*	antifreeze fluids containing dangerous substances	✓	✓	
16 01 15	antifreeze fluids other than those mentioned in 16 01 14	✓	✓	
16 01 16	tanks for liquefied gas		✓	
16 01 17	ferrous metal		✓	
16 01 18	non-ferrous metal		✓	
16 01 19	plastic		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
16 01 20	glass		✓	
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14		✓	
16 01 22	components not otherwise specified		✓	
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>			
16 02 09*	transformers and capacitors containing PCBs		✓	
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09		✓	
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC		✓	
16 02 12*	discarded equipment containing free asbestos		✓	
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12		✓	
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13		✓	
16 02 15*	hazardous components removed from discarded equipment		✓	
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15		✓	
<b>16 03</b>	<b>off-specification batches and unused products</b>			
16 03 03*	inorganic wastes containing dangerous substances	✓	✓	
16 03 04	inorganic wastes other than those mentioned in 16 03 03	✓	✓	
16 03 05*	organic wastes containing dangerous substances	✓	✓	
16 03 06	organic wastes other than those mentioned in 16 03 05	✓	✓	
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>			
16 05 04*	gases in pressure containers (including halons) containing dangerous substances		✓	
16 05 05	gases in pressure containers other than those mentioned in 16 05 04		✓	
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	✓	✓	
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances	✓	✓	
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances	✓	✓	
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	✓	✓	
<b>16 06</b>	<b>batteries and accumulators</b>			
16 06 01*	lead batteries		✓	
16 06 02*	Ni-Cd batteries		✓	
16 06 03*	mercury-containing batteries		✓	
16 06 04	alkaline batteries (except 16 06 03)		✓	
16 06 05	other batteries and accumulators		✓	
16 06 06*	separately collected electrolyte from batteries and accumulators		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>			
16 07 08*	wastes containing oil	✓	✓	
16 07 09*	wastes containing other dangerous substances	✓	✓	
<b>16 08</b>	<b>spent catalysts</b>			
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)		✓	
16 08 02*	spent catalysts containing dangerous transition metals or dangerous transition metal compounds		✓	
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified		✓	
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)	✓	✓	
16 08 05*	spent catalysts containing phosphoric acid	✓	✓	
16 08 06*	spent liquids used as catalysts	✓	✓	
16 08 07*	spent catalysts contaminated with dangerous substances	✓	✓	
<b>16 09</b>	<b>oxidising substances</b>			
16 09 01*	permanganates, for example potassium permanganate		✓	
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate		✓	
16 09 03*	peroxides, for example hydrogen peroxide		✓	
16 09 04*	oxidising substances, not otherwise specified	✓	✓	
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>			
16 10 01*	aqueous liquid wastes containing dangerous substances	✓	✓	
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	✓	✓	
16 10 03*	aqueous concentrates containing dangerous substances	✓	✓	
16 10 04	aqueous concentrates other than those mentioned in 16 10 03	✓	✓	
<b>16 11</b>	<b>waste linings and refractories</b>			
16 11 01*	carbon-based linings and refractories from metallurgical processes containing dangerous substances		✓	
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01		✓	
16 11 03*	other linings and refractories from metallurgical processes containing dangerous substances		✓	
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03		✓	
16 11 05*	linings and refractories from non-metallurgical processes containing dangerous substances		✓	
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05		✓	
<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		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
17 01 03	tiles and ceramics		✓	
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances		✓	
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		✓	
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances		✓	
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>			
17 03 01*	bituminous mixtures containing coal tar	✓	✓	
17 03 02	bituminous mixtures other than those mentioned in 17 03 01	✓	✓	
17 03 03*	coal tar and tarred products	✓	✓	
<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 09*	metal waste contaminated with dangerous substances		✓	
17 04 10*	cables containing oil, coal tar and other dangerous substances		✓	
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 03*	soil and stones containing dangerous substances		✓	
17 05 04	soil and stones other than those mentioned in 17 05 03		✓	
17 05 05*	dredging spoil containing dangerous substances		✓	
17 05 06	dredging spoil other than those mentioned in 17 05 05		✓	
17 05 07*	track ballast containing dangerous substances		✓	
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 01*	insulation materials containing asbestos		✓	
17 06 03*	other insulation materials consisting of or containing dangerous substances		✓	
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03		✓	
17 06 05*	construction materials containing asbestos		✓	
<b>17 08</b>	<b>gypsum-based construction material</b>			

Waste code	Description	A1, A3	A2,A4, A5	A6
17 08 01*	gypsum-based construction materials contaminated with dangerous substances		✓	
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 01*	construction and demolition wastes containing mercury		✓	
17 09 02*	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)		✓	
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances		✓	
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03		✓	
<b>18</b>	<b>Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)</b>			
<b>18 01</b>	<b>wastes from natal care, diagnosis, treatment or prevention of disease in humans</b>			
18 01 06*	chemicals consisting of or containing dangerous substances	✓	✓	
18 01 07	chemicals other than those mentioned in 18 01 06	✓	✓	
18 01 08*	cytotoxic and cytostatic medicines	✓	✓	
18 01 09	medicines other than those mentioned in 18 01 08	✓	✓	
18 01 10*	amalgam waste from dental care		✓	
<b>18 02</b>	<b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>			
18 02 05*	chemicals consisting of or containing dangerous substances	✓	✓	
18 02 06	chemicals other than those mentioned in 18 02 05	✓	✓	
18 02 07*	cytotoxic and cytostatic medicines	✓	✓	
18 02 08	medicines other than those mentioned in 18 02 07	✓	✓	
<b>19</b>	<b>Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use</b>			
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>			
19 01 02	ferrous materials removed from bottom ash		✓	
19 01 05*	filter cake from gas treatment		✓	
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes	✓	✓	
19 01 07*	solid wastes from gas treatment		✓	
19 01 10*	spent activated carbon from flue-gas treatment		✓	
19 01 11*	bottom ash and slag containing dangerous substances		✓	
19 01 12	bottom ash and slag other than those mentioned in 19 01 11		✓	
19 01 13*	fly ash containing dangerous substances		✓	
19 01 14	fly ash other than those mentioned in 19 01 13		✓	
19 01 15*	boiler dust containing dangerous substances		✓	



Waste code	Description	A1, A3	A2,A4, A5	A6
19 01 16	boiler dust other than those mentioned in 19 01 15		✓	
19 01 17*	pyrolysis wastes containing dangerous substances		✓	
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17		✓	
19 01 19	sands from fluidised beds		✓	
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>			
19 02 03	premixed wastes composed only of non-hazardous wastes	✓	✓	
19 02 04*	premixed wastes composed of at least one hazardous waste	✓	✓	
19 02 05*	sludges from physico/chemical treatment containing dangerous substances	✓	✓	
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05	✓	✓	
19 02 07*	oil and concentrates from separation	✓	✓	
19 02 08*	liquid combustible wastes containing dangerous substances	✓	✓	
19 02 09*	solid combustible wastes containing dangerous substances	✓	✓	
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09	✓	✓	
19 02 11*	other wastes containing dangerous substances	✓	✓	
<b>19 03</b>	<b>stabilised/solidified wastes</b>			
19 03 04*	wastes marked as hazardous, partly stabilised		✓	
19 03 05	stabilised wastes other than those mentioned in 19 03 04		✓	
19 03 06*	wastes marked as hazardous, solidified		✓	
19 03 07	solidified wastes other than those mentioned in 19 03 06		✓	
<b>19 04</b>	<b>vitrified waste and wastes from vitrification</b>			
19 04 01	vitrified waste		✓	
19 04 02*	fly ash and other flue-gas treatment wastes		✓	
19 04 03*	non-vitrified solid phase		✓	
19 04 04	aqueous liquid wastes from vitrified waste tempering	✓	✓	
<b>19 07</b>	<b>landfill leachate</b>			
19 07 02*	landfill leachate containing dangerous substances		✓	
19 07 03	landfill leachate other than those mentioned in 19 07 02		✓	
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>			
19 08 01	screenings		✓	
19 08 02	waste from desanding		✓	
19 08 05	sludges from treatment of urban waste water		✓	
19 08 06*	saturated or spent ion exchange resins		✓	
19 08 07*	solutions and sludges from regeneration of ion exchangers		✓	
19 08 08*	membrane system waste containing heavy metals		✓	
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	✓	✓	
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water		✓	
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11		✓	
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water	✓	✓	
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	✓	✓	
<b>19 09</b>	<b>wastes from the preparation of water intended for human consumption or water for industrial use</b>			
19 09 01	solid waste from primary filtration and screenings		✓	
19 09 02	sludges from water clarification		✓	
19 09 03	sludges from decarbonation		✓	
19 09 04	spent activated carbon	✓	✓	
19 09 05	saturated or spent ion exchange resins		✓	
19 09 06	solutions and sludges from regeneration of ion exchangers		✓	
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>			
19 10 01	iron and steel waste		✓	
19 10 02	non-ferrous waste		✓	
19 10 03*	fluff-light fraction and dust containing dangerous substances		✓	
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03		✓	
19 10 05*	other fractions containing dangerous substances		✓	
19 10 06	other fractions other than those mentioned in 19 10 05		✓	
<b>19 11</b>	<b>wastes from oil regeneration</b>			
19 11 01*	spent filter clays	✓	✓	
19 11 02*	acid tars	✓	✓	
19 11 03*	aqueous liquid wastes	✓	✓	
19 11 04*	wastes from cleaning of fuel with bases	✓	✓	
19 11 05*	sludges from on-site effluent treatment containing dangerous substances	✓	✓	
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05	✓	✓	
19 11 07*	wastes from flue-gas cleaning	✓	✓	
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>			
19 12 01	paper and cardboard		✓	✓
19 12 02	ferrous metal		✓	
19 12 03	non-ferrous metal		✓	
19 12 04	plastic and rubber		✓	
19 12 05	glass		✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
19 12 06*	wood containing dangerous substances		✓	
19 12 07	wood other than that mentioned in 19 12 06		✓	
19 12 08	textiles		✓	
19 12 09	minerals (for example sand, stones)		✓	
19 12 10	combustible waste (refuse derived fuel)	✓	✓	
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	✓	✓	
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	✓	✓	
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>			
19 13 01*	solid wastes from soil remediation containing dangerous substances		✓	
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01		✓	
19 13 03*	sludges from soil remediation containing dangerous substances		✓	
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03		✓	
19 13 05*	sludges from groundwater remediation containing dangerous substances	✓	✓	
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05	✓	✓	
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	✓	✓	
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07	✓	✓	
<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 01	paper and cardboard	✓	✓	✓
20 01 02	glass		✓	
20 01 10	clothes		✓	
20 01 11	textiles		✓	
20 01 13*	solvents	✓	✓	
20 01 14*	acids	✓	✓	
20 01 15*	alkalines	✓	✓	
20 01 17*	photochemicals	✓	✓	
20 01 19*	pesticides	✓	✓	
20 01 21*	fluorescent tubes and other mercury-containing waste		✓	
20 01 23*	discarded equipment containing chlorofluorocarbons		✓	
20 01 25	edible oil and fat	✓	✓	
20 01 26*	oil and fat other than those mentioned in 20 01 25	✓	✓	

Waste code	Description	A1, A3	A2,A4, A5	A6
20 01 27*	paint, inks, adhesives and resins containing dangerous substances	✓	✓	
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27	✓	✓	
20 01 29*	detergents containing dangerous substances	✓	✓	
20 01 30	detergents other than those mentioned in 20 01 29	✓	✓	
20 01 31*	cytotoxic and cytostatic medicines	✓	✓	
20 01 32	medicines other than those mentioned in 20 01 31	✓	✓	
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries		✓	
20 01 34	batteries and accumulators other than those mentioned in 20 01 33		✓	
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components		✓	
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35		✓	
20 01 37*	wood containing dangerous substances		✓	
20 01 38	wood other than that mentioned in 20 01 37		✓	
20 01 39	plastics		✓	
20 01 40	metals		✓	
20 01 41	wastes from chimney sweeping		✓	
<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>			
20 02 02	soil and stones		✓	
20 02 03	other non-biodegradable wastes		✓	
<b>20 03</b>	<b>other municipal wastes</b>			
20 03 03	street-cleaning residues		✓	
20 03 07	bulky waste		✓	

## Schedule 3 – Emissions and monitoring

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 [Point A1 on site plan in Schedule 7]	SLF processing area tank farm scrubber	No parameters set	No limit set	--	--	--
A2 [Point A2 on site plan in schedule 7]	SLF processing area tank farm scrubber	No parameters set	No limit set	--	--	--

<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 Yorkshire Water sewer	Site surface water interceptor	No parameters set	No limit set	--	--	--

## Schedule 4 – Reporting

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

<b>Table S4.1 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh

<b>Table S4.2 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	DD/MM/YY
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY

# 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	EPR/CB3805KE
Name of operator	Veolia ES (UK) Limited
Location of Facility	Norwood Recycling Centre
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.

“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 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 given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“Industrial Emissions Directive” means Directive 2010/75/EU Of The European Parliament And Of The Council of 24 November 2010 on industrial emissions.

“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 (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.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“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.

# Schedule 7 – Site plan



END OF PERMIT

Variation and consolidation application number  
EPR/CB3805KE/V002