

# Notice of variation and consolidation with introductory note

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

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Veolia ES (UK) Limited

Redbournbury Treatment Plant  
Redbourn Road  
St Albans  
Hertfordshire  
AL3 6RP

**Variation application number**

EPR/BW3281IA/V005

**Permit number**

EPR/BW3281IA

# Redbournbury Treatment Plant

## Permit number EPR/BW3281IA

### Introductory note

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

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

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

This variation amends the permit to

- Add reference to a new reaction tank (R3);
- Increase the permitted capacity of the reaction tanks to accommodate the addition of tank R3;
- Update the operating techniques to incorporate the addition of tank R3; and
- Consolidate and update the permit in line with modern conditions.

The rest of the installation shall continue to operate as follows:

Redbournbury Treatment Plant is situated on the site of a former chalk quarry 2km North West of Redbourn Village. The site is designed to treat a variety of hazardous and non-hazardous liquid and sludge wastes. The site is only permitted to take waste delivered in bulk and has no storage for drummed waste.

The primary treatment process is the physico-chemical treatment of acidic, alkaline, sludge and contaminated water waste streams. Treatment involves pH correction and settlement to allow the formation of a sludge and an aqueous phase. The aqueous phase is discharged for further settlement and the sludge phase is subject to further dewatering by two filter presses. The filtrate joins the aqueous phase before being discharged to sewer subject to a trade effluent consent. Filter cake from the dewatering process is sent offsite for disposal.

The site also treats water containing small quantities of oil. This is separated in the facility using the reception tanks and the oil is recovered and sent off site.

The site has point source emissions to air from the tanks which vent via a dust filtration and liquid absorption scrubbing system. There are human receptors situated 500m away from the site and the River Ver is situated 500m away. There are no designated habitats within 1km of the site.

The site sits on a major aquifer from which there are a number of potable abstractions with 2km. Protection of this aquifer is provided by an impermeable surface which is overlain by a concrete surface with sealed drainage.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application BW3281IA/A001	Received 03/08/05	
Response to request for information	13/09/05 & 20/10/05	
Response to request for information	14/10/05	

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Response to request for information	24/10/05	
Response to request for information	04/11/05	
Response to request for information	29/10/05	
Response to request for information	16/11/05	
Response to request for information	22/12/05	
Request to extend determination	05/12/05	
Permit determined (Billing reference BW3281IA)	17/03/06	
Site Protection and Monitoring Programme in accordance with condition 2.8.1	07/06/06	
An assessment of the adequacy of the containment measures in accordance with Improvement Condition 2	30/06/06	
Produce and implement written procedures and install necessary infrastructure to cover the storage and treatment of tanker wash sludge and pre-treatment and storage of oil contaminated sludge's	30/06/06	
Permit variation application BW3281IA/V002	29/06/06	
Date of effect of variation (Billing reference XP3731LH)	14/08/06	
Agency variation determined Application BW3281IA/V003 (Billing reference CP3035VW)	12/03/14	Agency variation to implement the changes introduced by IED.
Application EPR/BW3281IA/V004 (variation and consolidation)	Duly made 29/10/14	Application to vary and consolidate previous variations.
Variation determined EPR/BW3281IA (Billing reference MP3434WH)	20/01/15	Varied permit issued.
Application EPR/BW3281IA/V005 (variation and consolidation)	Duly made 12/12/18	Variation application to add a new reaction tank (R3) and update the permit to modern conditions.
Additional information	30/01/19	Jetting calculations for tank R3.
Additional information	04/02/19	Hazardous property codes accepted on site and bund capacity taken up by infrastructure.
Variation determined EPR/BW3281IA (Billing reference EP3733QP)	01/03/19	Varied permit issued.

End of introductory note

Variation and consolidation  
application number  
EPR/BW3281IA/V005

# Notice of variation and consolidation

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

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

### Permit number

**EPR/BW3281IA**

### Issued to

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

whose registered office is

**210 Pentonville Road  
London  
N1 9JY**

company registration number **02481991**

to operate a regulated facility at

**Redbournbury Treatment Plant  
Redbourn Road  
St Albans  
Hertfordshire  
AL3 6RP**

to the extent set out in the schedules.

The notice shall take effect from 01/03/2019

<b>Name</b>	<b>Date</b>
<b>David Griffiths</b>	<b>01/03/2019</b>

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/BW3281IA**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BW3281IA/V005 authorising,

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

whose registered office is

**210 Pentonville Road**

**London**

**N1 9JY**

company registration number **02481991**

to operate an installation at

**Redbournbury Treatment Plant**

**Redbourn Road**

**St Albans**

**Hertfordshire**

**AL3 6RP**

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

Name	Date
David Griffiths	01/03/2019

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

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

### 1.2 Energy efficiency

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

### 1.3 Efficient use of raw materials

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

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2 and S2.3; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

### **Hazardous waste storage and treatment**

- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.



## **2.4 Improvement programme**

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

## **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 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

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

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

### **3.3 Odour**

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

### **3.4 Noise and vibration**

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

### **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2; and
  - (b) other monitoring requirements specified in table S3.3;
  - (c) process monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2, S3.3 unless otherwise agreed in writing by the Environment Agency.

### **3.6 Fire prevention**

- 3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
  - (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 4 Information

### 4.1 Records

4.1.1 All records required to be made by this permit shall:

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

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

### 4.2 Reporting

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

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

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

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

## 4.3 Notifications

### 4.3.1 In the event:

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

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately” in which case it may be provided by telephone.

# Schedule 1 – Operations

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
AR1	Section 5.3 A(1) (a) (ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	D9: neutralisation	Treatment in tanks R1, R2 and R3.  Maximum quantity of 166 m <sup>3</sup> for reaction tanks R1, R2 and R3 neutralisation.  Waste types are limited to those specified in Table S2.2.
AR2	Section 5.6 A(1) (a): Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3 and 5.6 (b)	D15: associated storage of hazardous waste prior to treatment	To be stored in tanks S1, S2, S3, S4 and A/STO.  Maximum quantity of 290 m <sup>3</sup> of Hazardous waste to be stored in Tanks S1, S2, S3, S4, A/STO.  Waste types are limited to those specified in table S2.2.
AR3	Section 5.4 A(1) (a) (ii): Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment	D9: the filtration and solid phase separation of non-hazardous waste	Materials processed in tanks R1, R2, R3 and ST.  Maximum quantity of 356 m <sup>3</sup> of non-hazardous waste in Tank ST (sludge thickener).  Waste types are limited to those specified in table S2.3.
AR4	Section 5.3 A(1) a) (ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	R3: immiscible organic phase separation of waste oil	Maximum quantity 120 m <sup>3</sup> of waste contaminated with oil to be stored in Tanks S1 and S2 only.  Waste types are limited to those specified in table S2.2 and S2.3
<b>Directly Associated Activity</b>			
AR5	Storage of non-hazardous waste	The storage of non-hazardous waste prior to disposal	Waste types are limited to those specified in table S2.3.
AR6	Tanker wash	Washing heavy sludge/residues from tanker after tipping using	Waste types are limited to those specified in table S2.2, S2.3.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Waste Hierarchy	The response is given in file 1 section B2.1.4 – B2.1.6 and file 2 item 4	03/08/05
Pre-acceptance procedure to assess waste	The response is given in file 1 section B2.1.7 – B2.1.9 and file 2 item 4	03/08/05
Acceptance procedures when waste arrives at the installation	The response is given in file 1 section B2.1.7 – B2.1.9 and file 2 item 5 and item 6.	03/08/05
Waste Storage	The responses are referenced in section 2.1.10 to 2.1.19. The permit excludes the answer to question B2.1.12 and 2.1.18. The wastes described in File 2 item 2 shall be excluded and replaced with list of waste types in schedule 6 of this permit.	03/08/05
Waste Treatment	Plans are given in file 3 item 2 and 3. Responses are given in file 2 items 2, 3, 4, 5, 10, 13 and 16. Also in file 1 section B2.1.23.	03/08/05
Point source emissions to air and sewer	The response is given in file 1 section B2.2.3, B2.2.4 and B2.2.8 – B2.2.23.	03/08/05
Point source emissions to Groundwater	The response is given in section B2.2.25 to B2.2.32 of the PPC application.	03/08/05
Fugitive emissions to surface water, sewer and groundwater	The response is given in file 1 section B2.2.35, B2.2.36, B2.2.39, B2.2.41. Supplementary plans have been submitted to support question B2.2.37 in file 3 item 2.	03/08/05
Odour	The responses to questions B2.2.42 – 2.2.44 are referenced in these sections.	03/08/05
Proposed Improvement Programme	The responses to questions B9.0.1 reference File 2 item 52.	03/08/05
Variation application EPR/BW32811A/V005	Section 3 of application form C3 – technical standards Operating techniques outlined in document reference - Environmental Permit Application Supporting Statement Redbournbury Treatment Plant (September 2018)	12/10/18
Additional information	Jetting calculations for tank R3 to demonstrate contents unlikely to jet over the secondary bund onto tertiary containment.	30/01/19
Additional information	Confirmation of hazardous property codes accepted. Clarification of bund capacity taken up by infrastructure.	04/02/19

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC 1	The Operator shall produce and implement written procedures (and any amendments to them) to reduce and where possible prevent emissions of substances to sewer that possess the potential to cause an environmental impact, in accord with section 2.2.2 of Sector Guidance Note IPPC S5.06, December 2004.	Completed 31/08/06
IC 2	The Operator shall assess the adequacy of the current containment measures employed on site to prevent fugitive emissions to surface water, sewer and ground water that accord with section 2.2.5 and 2.8 of Sector Guidance Note S5.06, December 2004. The Operator shall submit a written report that details the findings of the assessment and proposes a	Completed 30/06/06

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	timetable for implementing the recommendations of the report to the Agency for approval.	
IC 3	The Operator shall install the infrastructure required to prevent fugitive emissions to sewer via three 'gully pots' or drains situated under the filter presses.	Completed 01/04/07
IC 4	The Operator shall install the infrastructure required to control emissions to air from all storage and treatment tanks that accord with Section 2.1.3 of Sector Guidance Note S5.06, December 2004.	Completed 01/05/08
IC 5	The Operator shall install infrastructure or provide evidence for the adequacy of the existing infrastructure required to control fugitive emissions to groundwater from all subsurface structures that accord with Section 2.1.3 of Sector Guidance Note S5.06, December 2004.	Completed 26/02/09
IC 6	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.3 of Sector Guidance Note S5.06, December 2004 to cover the labelling of all vessels, pipes and valves on site.	Completed 31/08/06
IC 7	The operator shall produce and implement written procedures and install the necessary infrastructure (and any amendments to them) that accord with guidance PPG2, February 2004 to cover the above ground oil storage tanks.	Completed 31/08/06
IC 8	The operator shall produce and implement written procedures and install the necessary infrastructure (and any amendments to them) that accord with section 2.1.3 and 2.1.4 of Sector Guidance Note S5.06, December 2004 to cover the storage and treatment of tanker wash sludge and the pre-treatment and storage of oil contaminated sludge's.	Completed 30/06/06
IC9	<p>The operator shall review the risk of jetting from all tanks and submit a report to the Environment Agency for written approval.</p> <p>The report shall:</p> <ul style="list-style-type: none"> <li>• Identify which tanks pose a risk of jetting over the secondary bund wall.</li> <li>• Identify measures which can be put in place to prevent jetting leaving the secondary bund.</li> <li>• Outline timescales for the implementation of mitigation measures for preventing jetting.</li> </ul> <p>Once approved and from the date stipulated by the Environment Agency, the measures outlined in the report shall be implemented in accordance with the agreed timescales, subject to such amendments or additions as notified by the Environment Agency.</p>	01/06/19



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

Raw materials and fuel description	Specification
Hydrated Lime	-

<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
01 03 04*	acid-generating tailings from processing of sulphide ore A
01 03 05*	other tailings containing dangerous substances M
01 03 07*	other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals M
01 04 07*	wastes containing dangerous substances from physical and chemical processing of M non-metalliferous minerals
01 05 05*	oil-containing drilling muds and wastes M
01 05 06*	drilling muds and other drilling wastes containing dangerous substances M
03 02 04*	inorganic wood preservatives A
03 02 05*	other wood preservatives containing dangerous substances M
04 01 03*	degreasing wastes containing solvents without a liquid phase M
04 02 16*	dyestuffs and pigments containing dangerous substances M
04 02 19*	sludges from on-site effluent treatment containing dangerous substances M
05 01 02*	desalter sludges A
05 01 03*	tank bottom sludges A
05 01 05*	oil spills A
05 01 06*	oily sludges from maintenance operations of the plant or equipment A
05 01 09*	sludges from on-site effluent treatment containing dangerous substances M
05 01 11*	wastes from cleaning of fuels with bases A
05 01 12*	oil containing acids M
05 01 15*	spent filter clays A
05 07 01*	wastes containing mercury M
06 01 01*	sulphuric acid and sulphurous acid A
06 01 02*	hydrochloric acid A
06 01 03*	hydrofluoric acid A
06 01 04*	phosphoric and phosphorous acid A

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
06 01 05*	nitric acid and nitrous acid A
06 01 06*	other acids A
06 02 01*	calcium hydroxide A
06 02 03*	ammonium hydroxide A
06 02 04*	sodium and potassium hydroxide A
06 02 05*	other bases A
06 03 13*	solid salts and solutions containing heavy metals M
06 03 15*	metallic oxides containing heavy metals M
06 04 03*	wastes containing arsenic M
06 04 04*	wastes containing mercury M
06 04 05*	wastes containing other heavy metals M
06 05 02*	sludges from on-site effluent treatment containing dangerous substances M
06 07 04*	solutions and acids, for example contact acid A
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances M
06 10 02*	wastes containing dangerous substances M
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides. A
07 01 01*	aqueous washing liquids and mother liquors A
07 01 10*	other filter cakes and spent absorbents A
07 01 11*	sludges from on-site effluent treatment containing dangerous substances M
07 02 01*	aqueous washing liquids and mother liquors A
07 02 10*	other filter cakes and spent absorbents A
07 02 11*	sludges from on-site effluent treatment containing dangerous substances M
07 02 14*	wastes from additives containing dangerous substances M
07 02 16*	wastes containing dangerous silicones M
07 03 01*	aqueous washing liquids and mother liquors A
07 03 10*	other filter cakes and spent absorbents A
07 03 11*	sludges from on-site effluent treatment containing dangerous substances M
07 04 01*	aqueous washing liquids and mother liquors A
07 04 10*	other filter cakes and spent absorbents A
07 04 11*	sludges from on-site effluent treatment containing dangerous substances M
07 04 13*	solid wastes containing dangerous substances M
07 05 01*	aqueous washing liquids and mother liquors A

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
07 05 10*	other filter cakes and spent absorbents A
07 05 11*	sludges from on-site effluent treatment containing dangerous substances M
07 06 01*	aqueous washing liquids and mother liquors A
07 06 10*	other filter cakes and spent absorbents A
07 06 11*	sludges from on-site effluent treatment containing dangerous substances M
07 07 01*	aqueous washing liquids and mother liquors A
07 07 10*	other filter cakes and spent absorbents A
07 07 11*	sludges from on-site effluent treatment containing dangerous substances M
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances M
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances M
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances M
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances M
08 01 21*	waste paint or varnish remover A
08 03 12*	waste ink containing dangerous substances M
08 03 14*	ink sludges containing dangerous substances M
08 03 16*	waste etching solutions A
08 03 17*	waste printing toner containing dangerous substances M
08 03 19*	disperse oil A
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances M
09 01 01*	water-based developer and activator solutions A
09 01 02*	water-based offset plate developer solutions A
09 01 04*	fixer solutions A
09 01 05*	bleach solutions and bleach fixer solutions A
09 01 06*	wastes containing silver from on-site treatment of photographic wastes M
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 A
10 01 04*	oil fly ash and boiler dust A
10 01 09*	sulphuric acid A
10 01 13*	fly ash from emulsified hydrocarbons used as fuel A

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances M
10 01 16*	fly ash from co-incineration containing dangerous substances M
10 01 18*	wastes from gas cleaning containing dangerous substances M
10 01 20*	sludges from on-site effluent treatment containing dangerous substances M
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances M
10 02 11*	wastes from cooling-water treatment containing oil M
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances M
10 03 19*	flue-gas dust containing dangerous substances M
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances M
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances M
10 03 27*	wastes from cooling-water treatment containing oil M
10 03 29*	wastes from treatment of salt slags and black drosses containing dangerous substances M
10 04 03*	calcium arsenate A
10 04 04*	flue-gas dust A
10 04 05*	other particulates and dust A
10 04 07*	sludges and filter cakes from gas treatment A
10 04 09*	wastes from cooling-water treatment containing oil M
10 05 06*	sludges and filter cakes from gas treatment A
10 05 08*	wastes from cooling-water treatment containing oil M
10 06 03*	flue-gas dust A
10 06 07*	sludges and filter cakes from gas treatment A
10 06 09*	wastes from cooling-water treatment containing oil M
10 07 07*	wastes from cooling-water treatment containing oil M
10 08 15*	flue-gas dust containing dangerous substances M
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances M
10 08 19*	wastes from cooling-water treatment containing oil M
10 09 09*	flue-gas dust containing dangerous substances M
10 09 11*	other particulates containing dangerous substances M
10 09 13*	waste binders containing dangerous substances M
10 09 15*	waste crack-indicating agent containing dangerous substances M

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
10 10 09*	flue-gas dust containing dangerous substances M
10 10 11*	other particulates containing dangerous substances M
10 10 13*	waste binders containing dangerous substances M
10 10 15*	waste crack-indicating agent containing dangerous substances M
10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances M
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances M
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances M
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances M
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances M
10 12 09*	solid wastes from gas treatment containing dangerous substances M
10 12 11*	wastes from glazing containing heavy metals M
10 13 12*	solid wastes from gas treatment containing dangerous substances M
10 14 01*	waste from gas cleaning containing mercury M
11 01 05*	pickling acids A
11 01 06*	acids not otherwise specified A
11 01 07*	pickling bases A
11 01 08*	phosphatising sludges A
11 01 09*	sludges and filter cakes containing dangerous substances M
11 01 11*	aqueous rinsing liquids containing dangerous substances M
11 01 13*	degreasing wastes containing dangerous substances M
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances M
11 01 16*	saturated or spent ion exchange resins A
11 01 98*	other wastes containing dangerous substances M
11 02 02*	sludges from zinc hydrometallurgy (including jarosite, goethite) A
11 02 05*	wastes from copper hydrometallurgical processes containing dangerous substances M
11 02 07*	other wastes containing dangerous substances M
11 05 03*	solid wastes from gas treatment A
11 05 04*	spent flux A
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions) A

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions) A
12 01 08*	machining emulsions and solutions containing halogens A
12 01 09*	machining emulsions and solutions free of halogens A
12 01 10*	synthetic machining oils A
12 01 12*	spent waxes and fats A
12 01 14*	machining sludges containing dangerous substances M
12 01 16*	waste blasting material containing dangerous substances M
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil M
12 01 19*	readily biodegradable machining oil A
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances M
12 03 01*	aqueous washing liquids A
12 03 02*	steam degreasing wastes A
13 01 04*	chlorinated emulsions A
13 01 05*	non-chlorinated emulsions A
13 01 09*	mineral-based chlorinated hydraulic oils A
13 01 10*	mineral-based non-chlorinated hydraulic oils A
13 01 11*	synthetic hydraulic oils A
13 01 12*	readily biodegradable hydraulic oils A
13 01 13*	other hydraulic oils A
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils A 1 For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC.
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils A
13 02 06*	synthetic engine, gear and lubricating oils A
13 02 07*	readily biodegradable engine, gear and lubricating oils A
13 02 08*	other engine, gear and lubricating oils A
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01 A
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils A
13 03 08*	synthetic insulating and heat transmission oils A
13 03 09*	readily biodegradable insulating and heat transmission oils A
13 03 10*	other insulating and heat transmission oils A
13 04 01*	bilge oils from inland navigation A
13 04 02*	bilge oils from jetty sewers A

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
13 04 03*	bilge oils from other navigation A
13 05 01*	solids from grit chambers and oil/water separators A
13 05 02*	sludges from oil/water separators A
13 05 03*	interceptor sludges A
13 05 06*	oil from oil/water separators A
13 05 07*	oily water from oil/water separators A
13 05 08*	mixtures of wastes from grit chambers and oil/water separators A
13 07 01*	fuel oil and diesel A
13 07 03*	other fuels (including mixtures) A
13 08 01*	desalter sludges or emulsions A
13 08 02*	other emulsions A
16 03 03*	inorganic wastes containing dangerous substances M
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals M
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances M
16 06 06*	separately collected electrolyte from batteries and accumulators A
16 07 08*	wastes containing oil M
16 07 09*	wastes containing other dangerous substances M
16 08 02*	spent catalysts containing dangerous transition metals <sup>3</sup> or dangerous transition metal compounds M
16 08 05*	spent catalysts containing phosphoric acid M
16 08 06*	liquids used as catalysts A
16 08 07*	spent catalysts contaminated with dangerous substances M
16 09 01*	permanganates, for example potassium permanganate A
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate A
16 09 03*	peroxides, for example hydrogen peroxide A
16 09 04*	oxidising substances, not otherwise specified A
16 10 01*	aqueous liquid wastes containing dangerous substances M
16 10 03*	aqueous concentrates containing dangerous substances M
17 05 03*	soil and stones containing dangerous substances M
17 05 05*	dredging spoil containing dangerous substances M
17 05 07*	track ballast containing dangerous substances M
18 02 05*	chemicals consisting of or containing dangerous substances M

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
19 01 05*	filter cake from gas treatment A
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes A
19 01 07*	solid wastes from gas treatment A
19 01 10*	spent activated carbon from flue-gas treatment A
19 01 13*	fly ash containing dangerous substances M
19 01 15*	boiler dust containing dangerous substances M
19 01 17*	pyrolysis wastes containing dangerous substances M
19 02 04*	premixed wastes composed of at least one hazardous waste A
19 02 05*	sludges from physico/chemical treatment containing dangerous substances M
19 02 07*	oil and concentrates from separation A
19 02 08*	liquid combustible wastes containing dangerous substances M
19 02 11*	other wastes containing dangerous substances M
19 04 02*	fly ash and other flue-gas treatment wastes A
19 04 03*	non-vitrified solid phase A
19 07 02*	landfill leachate containing dangerous substances M
19 08 06*	saturated or spent ion exchange resins A
19 08 07*	solutions and sludges from regeneration of ion exchangers A
19 08 08*	membrane system waste containing heavy metals M
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 A
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water M
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water M
19 11 03*	aqueous liquid wastes A
19 11 04*	wastes from cleaning of fuel with bases A
19 11 05*	sludges from on-site effluent treatment containing dangerous substances M
19 11 07*	wastes from flue-gas cleaning A
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances M
19 13 03*	sludges from soil remediation containing dangerous substances M
19 13 05*	sludges from groundwater remediation containing dangerous substances M
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances M



<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	Hazardous properties are restricted to HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP12, HP13 and HP14  The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation, and filtration shall not exceed 74,000 tonnes per year.
	<i>Note A = Absolute hazardous code M = Mirror entry code</i>
<b>Waste code</b>	<b>Description</b>
20 01 14*	acids A
20 01 15*	alkalines A
20 01 17*	photochemicals A
20 01 19*	pesticides A
20 01 26*	oil and fat other than those mentioned in 20 01 25 A
20 01 27*	paint, inks, adhesives and resins containing dangerous substances M
20 01 29*	detergents containing dangerous substances M

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
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
01 04 09	waste sand and clays
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
01 05 04	freshwater drilling muds and wastes
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
02 01 01	sludges from washing and cleaning
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
02 02 01	sludges from washing and cleaning
02 02 04	sludges from on-site effluent treatment
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
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
02 05 02	sludges from on-site effluent treatment
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
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
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
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
04 01 02	liming waste
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 09	wastes from dressing and finishing
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
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
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 06 04	waste from cooling columns
05 07 02	wastes containing sulphur
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11 01	calcium-based reaction wastes from titanium dioxide production
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	wastes containing silicones other than those mentioned in 07 02 16
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
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 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 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
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
10 02 01	wastes from the processing of slag
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
10 03 05	waste alumina
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
10 08 04	particulates and dust
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
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 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
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 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
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 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
18 02 06	chemicals other than those mentioned in 18 02 05
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04 04	aqueous liquid wastes from vitrified waste tempering
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08 01	screenings
19 08 02	waste from desanding

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and neutralisation</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted onto the site for storage, and treatment including neutralisation, oil phase separation and filtration shall not exceed 74,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
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
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 41	wastes from chimney sweeping
20 02 03	other non-biodegradable wastes
20 03 03	street-cleaning residues

## 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 as shown in Emissions points plan in schedule 7	-	Chemical Absorption Scrubber	-	-	-	-
A2 as shown in Emissions points plan in schedule 7	Particulate matter	Silo Dust Filter	No limit	Spot sample	6 monthly	Method listed in M18

<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 as shown in Emissions points plan in schedule 7	Treatment plant	Total Cadmium (expressed as Cd)	0.2mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Total Mercury (expressed as Hg)	0.05mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Total Copper (expressed as Cu)	3.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Total Zinc (expressed as Zn)	7.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Total Chromium (expressed as Cr)	4.0mg/l	Composite	Monthly	Method listed in M18
S1* as shown in Emissions points plan in schedule 7	Treatment plant	Total Lead (expressed as Pb)	3.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Total Nickel (expressed as Ni)	4.0mg/l	Composite	Monthly	Method listed in M18



**Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site emission limits and monitoring requirements**

<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 as shown in Emissions points plan in schedule 7	Treatment plant	Total Silver (expressed as Ag)	1.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Monohydric Phenols	8.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Formaldehyde as HCHO	5.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Cyanide (expressed as CN)	5.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Sulphides (expressed as S)	5.0mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Sulphates (expressed as SO <sub>4</sub> )	1500mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Chlorine (expressed as HOCl)	25mg/l	Composite	Monthly	Method listed in M18
S1 as shown in Emissions points plan in schedule 7	Treatment plant	Ammonia (expressed as N)	100mg/l	Composite	Monthly	Method listed in M18

<b>Table S3.3 Other monitoring requirements</b>				
<b>Location or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Borehole – Monitoring well 1 as shown in Emissions points plan in schedule 7	Cadmium	Quarterly	Periodic	M18 methodology
Borehole – Monitoring well 2 as shown in Emissions points plan in schedule 7	Cadmium	Quarterly	Periodic	M18 methodology
Borehole – Monitoring well 3 as shown in Emissions points plan in schedule 7	Cadmium	Quarterly	Periodic	M18 methodology
Borehole – Monitoring well 1 as shown in Emissions points plan in schedule 7	Mercury	Quarterly	Periodic	M18 methodology
Borehole – Monitoring wells 2 as shown in Emissions points plan in schedule 7	Mercury	Quarterly	Periodic	M18 methodology
Borehole – Monitoring wells 3 as shown in Emissions points plan in schedule 7	Mercury	Quarterly	Periodic	M18 methodology
S1 as shown in Emissions points plan in schedule 7	Fluoride	Quarterly	Periodic	M18 methodology
S1 as shown in Emissions points plan in schedule 7	Bromides	Quarterly	Periodic	M18 methodology

<b>Table S3.4 Process monitoring requirements</b>				
<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Chemical Absorption Scrubber	NaOH	daily	-	NaOH concentration between 1% to 3%

## Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	01/01/06
Chemical Absorption Scrubber	Chemical Absorption Scrubber	Every 12 months	01/01/06
Ground water monitoring Parameters as required by condition 3.5.1	Borehole monitoring wells 1, 2, 3	Every 12 months	01/01/06

Parameter	Units
Volume of treated effluent discharged to sewer	m <sup>3</sup>
Volume of Filter Cake taken to Landfill	tonnes
Volume of Non-Hazardous waste accepted in the facility	tonnes
Volume of Hazardous waste accepted in the facility	tonnes

Parameter	Frequency of assessment	Units
Reduction in toxic six metals (Cd, Pb, Cr, Cu, Ni, Zn) between incoming waste and outgoing effluent	monthly	% reduction (mg/l)
Energy consumption	monthly	kWh/m <sup>3</sup>
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	01/03/19
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	01/03/19
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	01/03/19
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/03/19

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

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

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

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

## Part B – to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

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

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“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.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

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

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

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

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

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

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

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

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

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

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

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 3.2 and S3.3 for those tables, they have the meaning given below:

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

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

‘PCBs’ means

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

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

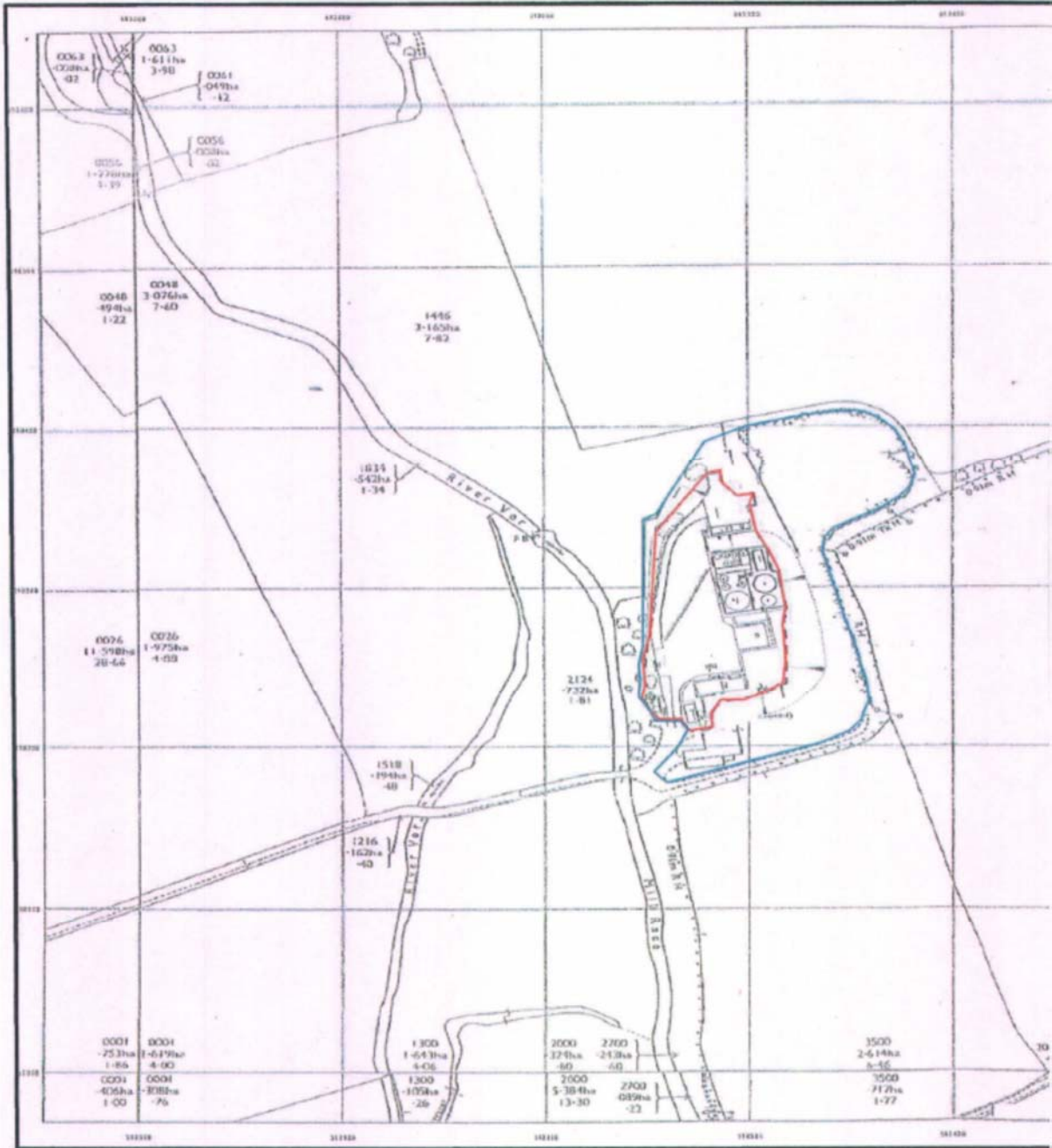
‘stabilisation’ means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

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

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

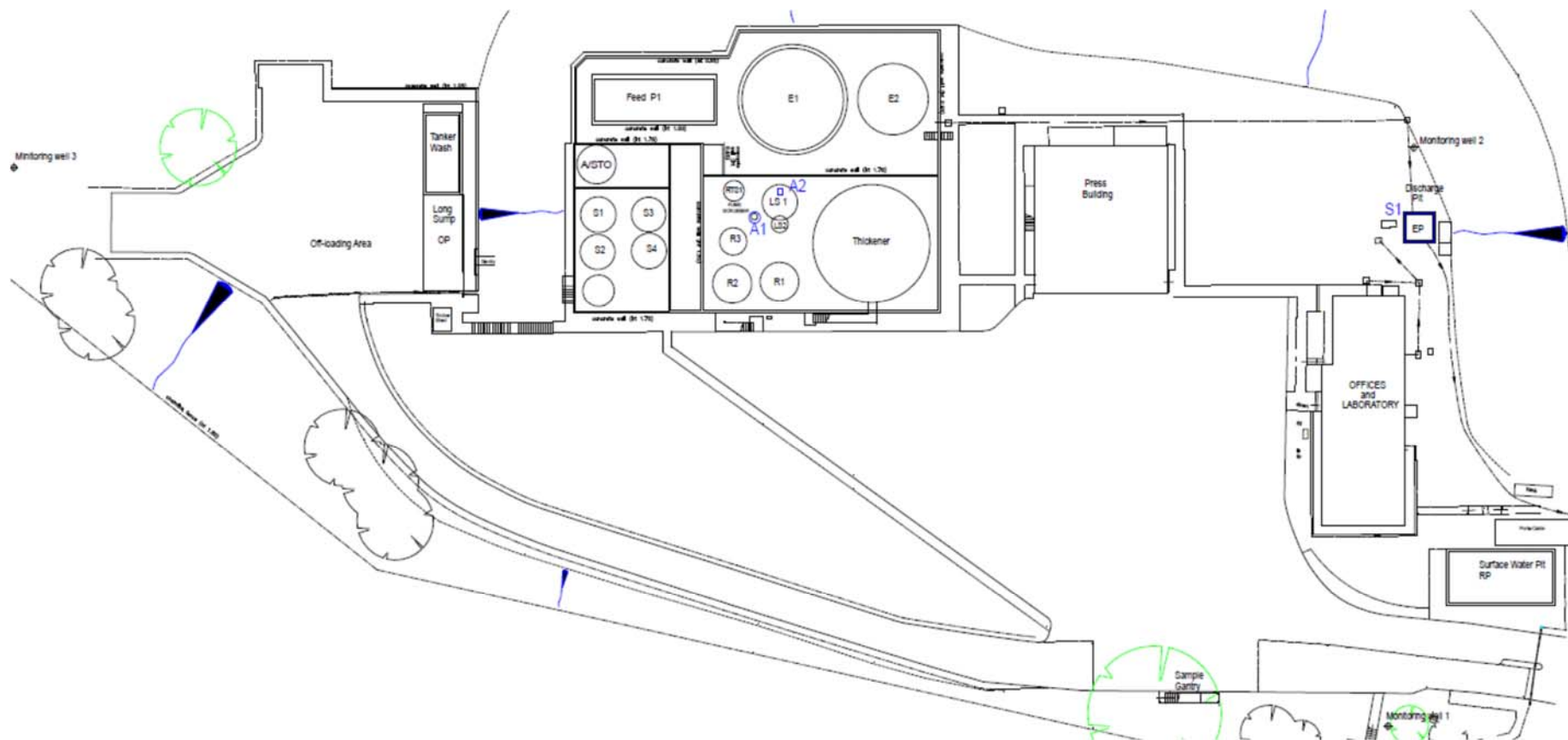
# Schedule 7

## Site plan





# Emission points plan



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END OF PERMIT

Permit number  
EPR/BW32811A