

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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Slicker Recycling Limited  
Kingsnorth Oil Treatment Plant  
Jetty Road  
Kingsnorth Industrial Estate  
Kingsnorth  
Rochester  
Kent  
ME3 9ND

**Variation application number**

EPR/QP3138AA/V005

**Consolidated permit number**

EPR/QP3138AA

# Kingsnorth Oil Treatment Plant

## Permit number EPR/QP3138AA

### Introductory note

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

The following notice gives notice of the variation of environmental permits A and B referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

Permit A will be the lead permit, Permit B will cease.

This variation consists of the addition of waste treatment methods and a review and consolidation of the installation and waste permit held at Kingsnorth Oil Treatment to incorporate changes to activity references instigated by the Industrial Emissions Directive. To maximise the recovery of oils, additional treatment steps have been added to the permit, including, container and tanker washing, interceptor effluent grit screening and centrifuge processes, and container shredding. A number of additional European Waste Catalogue Codes have been added to the consolidated permit.

The installation and waste operations are primarily for the treatment of waste oil and oily waters imported onto site to a standard that allows the oil to be recovered. The company uses commercial tankers to accept small consignments of waste oil from various industrial customers. These are bulked up into tanks where some oil/water separation takes place using both physical and chemical processes. The water phase is discharged to storage pending transfer offsite to a specialist treatment works and the oil phase is transferred to tanker and transported offsite.

The site is located in an area of moderate environmental sensitivity. The underlying geology is classed as a minor aquifer. There are no sensitive surface water abstractions within 1km, although there are fourteen surface water abstractions for general agriculture and aquaculture between 1 and 2km of the site. There are 6 groundwater abstraction licenses for spray irrigation within 1km of the site, the closest being 0.57km north of the installation. The Medway Estuary and Marshes SSSI and SPA is located 0.9km south east of the installation.

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.

<b>Status log of permit A: EPR/QP3138AA</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application LP3737LH (EPR/LP3737LH/A001)	Duly Made 14/02/07	-
Permit determined (PAS billing reference: LP3737LH)	29/10/07	Permit issued to Eco-Oil Limited.
Agency variation determined EPR/LP3737LH/V002 (PAS billing reference: EP3333EM)	13/11/13	Agency variation to implement the changes introduced by IED.
Name change	07/04/15	Name change from Eco-Oil Limited to Tanker Wastes Limited.
Application EPR/QP3138AA/T001 (full transfer of permit EPR/LP3737LH)	Duly made 10/04/15	Application to transfer the permit in full to Hydrodec (UK) Limited.

<b>Status log of permit A: EPR/QP3138AA</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Transfer determined EPR/QP3138AA (PAS billing reference: QP3138AA)	15/05/15	Full transfer of permit complete.
Application EPR/QP3138AA/V002	21/10/16	Name changed to Slicker Recycling Limited and address changed to Enterprise House, Barracks Road, Sandy Lane Industrial Estate, Stourport-On-Severn, Worcestershire, DY13 9RW.
Variation determined EPR/QP3138AA	05/12/16	Varied permit issued to Slicker Recycling Limited.
Application EPR/QP3138AA/V003	04/08/17	Application to vary the permit to allow additional waste codes.
Variation determined EPR/QP3138AA	25/08/17	Varied permit issued to Slicker Recycling Limited.
Notified of change of company registered office address	08/11/17	Changed from Enterprise House, Barracks Road, Sandy Lane Industrial Estate, Stourport-On-Severn, Worcestershire, DY13 9RW to Lombard House, Anchor Drive, Off Worcester Road, Stourport on Severn, DY13 9BZ
Variation Issued EPR/QP3138AA/V004	30/11/17	Varied permit issued to Slicker Recycling Ltd
Application EPR/QP3138AA/V005 (variation and consolidation with EPR/CB3907CZ)	Duly made 28/04/20	Application to vary and update the permit to modern conditions.
Additional information received in response to schedule 5 notice dated 06/08/20	20/10/20	Tankage and bunding details Waste acceptance procedures Odour management plan
	26/02/21	Bunding construction and maintenance
Variation determined EPR/QP3138AA/V005 Billing references: - Installation: JP3239QG - Waste: EAWML 19396	15/06/21	Varied and consolidated permit issued in modern condition format.

<b>Status log of permit B: EPR/CB3907CZ</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Permit determined P/03/33 (EAWML 19396)	30/06/95	Waste Disposal Licence - original permit issued to Tankerwaste (Kent) Limited.
Permit variation P/03/33 (EAWML 19396)	03/09/97	-
Permit transferred P/03/33 (EAWML 19396)	31/07/06	Transfer from Tankerwaste (Kent) Limited to Eco-Oil Limited (Company No. 02714993).
Permit variation P/03/33 (EAWML 19396)	08/10/07	-

<b>Status log of permit B: EPR/CB3907CZ</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Name change	07/04/15	Name change from Eco-Oil Limited to Tanker Wastes Limited.
Application EPR/CB3907CZ/T001 (full transfer of permit EAWML 19396)	Duly made 10/04/15	Application to transfer the permit in full to Hydrodec (UK) Limited.
Transfer determined EPR/CB3907CZ	15/05/15	Full transfer of permit complete.
Notified of change of company name and registered office address	21/10/16	Name changed to Slicker Recycling Limited and address changed to Enterprise House, Barracks Road, Sandy Lane Industrial Estate, Stourport On Severn, Worcestershire, DY13 9RW
Variation determined EPR/CB3907CZ/V002	05/12/16	Varied permit issued to Slicker Recycling Limited
Application EPR/CB3907CZ/V003	29/08/17	Application to add a number of additional waste codes to the permitted waste code table. Site registered office updated to Lombard House, Anchor Drive, off Worcester Road, Stourport on Severn, Worcestershire, DY13 9BZ.
Variation determined EPR/CB3907CZ/V003	28/11/17	Varied permit issued to Slicker Recycling Limited.
Application EPR/CB3907CZ/V004 (variation and consolidation with EPR/QP3138AA)	Duly made 28/04/20	Application to consolidate permit with EPR/QP3138AA.
Variation determined EPR/QP3138AA/V005	15/06/21	Varied and consolidated permit issued in modern condition format. Permit EPR/CB3907CZ ceases to exist, all activities are now under permit EPR/QP3138AA.

End of introductory note

# Notice of variation and consolidation

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

The Environment Agency in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates environmental permits

### Permit numbers

EPR/QP3138AA

EPR/CB3907CZ

### Issued to

**Slicker Recycling Limited** (“the operator”)

whose registered office is

**Lombard House  
Worcester Road  
Stourport-on-Severn  
Worcestershire  
DY13 9BZ**

company registration number **08652156**

to operate regulated facilities at

**Kingsnorth Oil Treatment Plant  
Jetty Road  
Kingsnorth Industrial Estate  
Kingsnorth  
Rochester  
Kent  
ME3 9ND**

to the extent set out in the schedules.

The notice shall take effect from 15/06/2021

**The number of the consolidated permit is EPR/QP3138AA.**

Name	Date
David Griffiths	15/06/2021

Authorised on behalf of the Environment Agency

## **Schedule 1 – changes in the permit**

**Note:** The conditions numbers used in this schedule refer to those in the consolidated permit.

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/QP3138AA**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/QP3138AA/V005 authorising,

**Slicker Recycling Limited** (“the operator”),

whose registered office is

**Lombard House  
Worcester Road  
Stourport-on-Severn  
Worcestershire  
DY13 9BZ**

company registration number **08652156**

to operate an installation and waste operations at

**Kingsnorth Oil Treatment Plant  
Jetty Road  
Kingsnorth Industrial Estate  
Kingsnorth  
Rochester  
Kent  
ME3 9ND**

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

<b>Name</b>	<b>Date</b>
<b>David Griffiths</b>	<b>15/06/2021</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, AR1 to AR9, the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR9, the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

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



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

## **2 Operations**

### **2.1 Permitted activities**

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1, table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR9, waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2, table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2, 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.

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

- 2.4.1 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.

## **2.5 WEEE storage**

- 2.5.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.5.2 WEEE (disassembled spare parts, components and residues) shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

## **2.6 Improvement programme**

- 2.6.1 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.
- 2.6.2 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.

## **2.7 Pre-operational conditions**

- 2.7.1 The operations specified in schedule 1, table S1.4 shall not commence until the measures specified in that table have been completed.

# **3 Emissions and monitoring**

## **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3, table S3.1.
- 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 table S3.1.
- 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 unless otherwise agreed in writing by the Environment Agency.

## **3.6 Pests**

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.7 Fire prevention**

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

3.7.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
- (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

# **4 Information**

## **4.1 Records**

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

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

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

## **4.2 Reporting**

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

- 4.2.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR9, a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
  - (b) the annual production /treatment data set out in schedule 4, table S4.2; and
  - (c) the performance parameters set out in schedule 4, table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4, table S4.1;
  - (b) for the reporting periods specified in schedule 4, table S4.1 and using the forms specified in schedule 4, table S4.4; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

### 4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
    - (i) inform the Environment Agency,
    - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
    - (iii) take the measures necessary to prevent further possible incidents or accidents;
  - (b) of a breach of any permit condition the operator must immediately—
    - (i) inform the Environment Agency, and
    - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
  - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 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 – Waste oil treatment	Section 5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Treatment of hazardous waste oils consisting of heating, removal of particulates, blending and dewatering. Treatment may include the addition of demulsifiers. Waste types suitable for acceptance are limited to hazardous wastes as specified in table S2.2.
AR2 – Container and tanker washing			Treatment consisting of container and tanker washing. Waste types suitable for acceptance are limited to hazardous wastes as specified in table S2.2.
AR3 – Grit screening and centrifuge process			Treatment activities consisting of grit screening and centrifuge processes to extract oil and water from solid residues. Waste types suitable for acceptance are limited to hazardous wastes as specified in table S2.2.
AR4 – Container shredding		R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes R4: Recycling/reclamation of metals and metal compounds D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Treatment activities consisting of crushing and shredding empty unserviceable containers. Waste types suitable for acceptance are limited to hazardous wastes as specified in table S2.2.
AR5 – Hazardous waste storage and bulking	Section 5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity > 50 tonnes	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)	From receipt of hazardous wastes prior to and following treatment to dispatch off site. Bulking of waste of the same type and properties in suitable containers. There shall be no decanting of waste containing organic solvents. Waste containing solvents must be stored in suitable drums. Waste shall be stored in sealed containers on impermeable surfacing with sealed drainage. Waste types suitable for acceptance are limited to hazardous wastes as specified in table S2.2.

<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>
<b>Directly Associated Activities</b>			
AR6	Gas-oil steam boiler	Combustion of gas oil to produce steam: 1.755 MW gas-oil fired steam boiler for the provision of steam to the process. Boiler rated at 2,800 kg steam /hour.	From receipt of fuel to dispatch of steam to activities on site.
AR7	Raw materials storage	Storage of raw materials: Demulsifying chemicals, oils and greases for maintenance.	From receipt of raw materials to use within the process.
AR8	Surface water collection and storage	Collection and management of surface water.	From the collection of surface water run-off in collection pits prior to being pumped to tanks 4 and 10 to dispatch off site to an authorised facility.
<b>Waste Operations</b>			
<b>Activity reference</b>	<b>Description of activities for waste operations</b>		<b>Limits of activities</b>
AR9 – Storage and treatment of non-hazardous wastes	<p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>		<p>Treatment and storage operations shall be limited to those described in activities AR1-AR5.</p> <p>Waste types suitable for acceptance are limited to non-hazardous wastes as specified in table S2.3.</p>



<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	The response to section 2.1 and 2.2 in the Application.	23/01/07
Application EPR/QP3138AA/V005	Supporting document, responses to questions: - 1a – Activity and treatment capacities. - 3d (Appendix 5) – BAT Assessment.	13/11/19
	Final response to request for information 24042020, responses to questions: - 3a - Process flow.	24/04/20
Further information provided in response to Schedule 5 notice dated 06/08/20	All parts.	20/10/20
	Bund construction and maintenance 20210219.	26/02/21

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IP1	The operator shall submit to the Environment Agency for approval, a proposal to provide the tanks, pipework and valves with labelling. The proposal must include an implementation plan, timescales for implementation and a demonstration that it will comply with our guidance SGN 5.06.	15/09/21
IP2	The operator shall submit a written report to the Environment Agency for approval which demonstrates that the tank, pipework and valve labelling system as approved in IP1 is in place for the site. The report must demonstrate compliance with our guidance SGN 5.06.	15/12/21
IP3	The operator shall submit to the Environment Agency for approval, a proposal to install tank level meters with audible and visual alarms. The proposal must include the specification of the high level alarms, an implementation plan, timescales for implementation and a demonstration that it will comply with our guidance SGN 5.06.	15/12/21
IP4	The operator shall submit a written report to the Environment Agency for approval which demonstrates that tank level meters with audible and visual alarms as approved in IP3 are in place for the site. The report must demonstrate compliance with our guidance SGN 5.06.	15/06/22
IP5	The operator shall submit a report to the Environment Agency for written approval which reviews the onsite site drainage system against our guidance SGN 5.06 and CIRIA C736. The report shall: <ul style="list-style-type: none"> <li>Identify and propose improvements to the drainage system;</li> <li>Demonstrate the proposed improvements will ensure the drainage system meets the requirements of our guidance SGN 5.06 and CIRIA C736; and</li> <li>Outline an implementation plan and timescales for the implementation of improvement measures.</li> </ul> The operator shall implement the approved measures in line with the plans and timescales agreed with the Environment Agency.	15/06/22

<b>Table S1.4 Pre-operational measures for future development</b>		
<b>Reference</b>	<b>Operation</b>	<b>Pre-operational measures</b>
PO1	Interceptor effluent handling, processing and storage in bund 1	<p>(a) The operator shall submit to the Environment Agency for approval, the proposals for the redevelopment of the interceptor effluent processing area as identified on the plan 'Site General Arrangement (Future), ref KIN-GA-01, dated 20/10/20'. The proposals must include construction and engineering specifications, an implementation plan, timescales for implementation and a demonstration that it will comply with our guidance <u>Chemical waste: appropriate measures for permitted facilities</u>.</p> <p>(b) The operator shall submit a written report to the Environment Agency for approval which demonstrates that the redevelopment as approved in a) has been completed. The report must demonstrate compliance with our guidance <u>Chemical waste: appropriate measures for permitted facilities</u>.</p>

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

Raw materials and fuel description	Specification
Gas oil	Less than 0.2% w/w sulphur content
Demulsifying chemicals	-
Oils and greases	-

<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
<b>01</b>	<b>Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>
01 05 05*	oil-containing drilling muds and wastes
<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 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 12*	oil containing acids
<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 hazardous substances
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 01 21*	waste paint or varnish remover
<b>08 03</b>	<b>wastes from MFSU of printing inks</b>
08 03 12*	waste ink containing hazardous substances
08 03 14*	ink sludges containing hazardous substances
08 03 17*	waste printing toner containing hazardous substances
08 03 19*	disperse oil
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including water proofing products)</b>
08 04 17*	rosin oil

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
<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 04*	oil fly ash and boiler dust
<b>10 02</b>	<b>wastes from the iron and steel industry</b>
10 02 11*	wastes from cooling-water treatment containing oil
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>
10 04 09*	wastes from cooling-water treatment containing oil
<b>10 05</b>	<b>wastes from zinc thermal metallurgy</b>
10 05 08*	wastes from cooling-water treatment containing oil
<b>10 06</b>	<b>wastes from copper thermal metallurgy</b>
10 06 09*	wastes from cooling-water treatment containing oil
<b>10 07</b>	<b>wastes from silver, gold and platinum thermal metallurgy</b>
10 07 07*	wastes from cooling-water treatment containing oil
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>
10 08 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances
10 08 19*	wastes from cooling-water treatment containing oil
<b>10 11</b>	<b>wastes from manufacture of glass and glass products</b>
10 11 19*	solid wastes from on-site effluent treatment containing hazardous substances
<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, phosphating, alkaline degreasing, anodising)</b>
11 01 09*	sludges and filter cakes containing hazardous substances
11 01 11*	aqueous rinsing liquids containing hazardous substances
11 01 13*	degreasing wastes containing hazardous substances
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing hazardous substances
11 01 16*	saturated or spent ion exchange resins
11 01 98*	other wastes containing hazardous substances
<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 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

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 14*	machining sludges containing hazardous substances
12 01 16*	waste blasting material containing hazardous substances
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
<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
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
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 (up to a maximum of 10 ppm)
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

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
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
13 08 99*	wastes not otherwise specified (excluding mixtures of chlorinated and non-chlorinated entries together, and mixtures of PCB contaminated entries and non-contaminated entries)
<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 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures (e.g. paint, solvent and spray gun wash)
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 10*	packaging containing residues of or contaminated by hazardous substances (e.g. plastics, metals and aerosols)
15 01 11*	metallic packaging containing a hazardous 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 hazardous substances
<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 07*	oil filters
16 01 13*	brake fluids

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
16 01 14*	antifreeze fluids containing hazardous substances
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
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 15*	hazardous components removed from discarded equipment
<b>16 03</b>	<b>off-specification batches and unused products</b>
16 03 03*	inorganic wastes containing hazardous substances
16 03 05*	organic wastes containing hazardous substances
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
<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 06*	separately collected electrolyte from batteries and accumulators
<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 hazardous substances
<b>16 08</b>	<b>spent catalysts</b>
16 08 02*	spent catalysts containing hazardous transition metals or hazardous transition metal compounds
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>
16 10 01*	aqueous liquid wastes containing hazardous substances
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 02</b>	<b>wood, glass and plastic</b>
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
<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 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 07*	oil and concentrates from separation
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 08*	membrane system waste containing heavy metals
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
<b>19 11</b>	<b>wastes from oil regeneration</b>

<b>Table S2.2 Permitted waste types and quantities for hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
19 11 03*	aqueous liquid wastes
19 11 05*	sludges from on-site effluent treatment containing hazardous substances
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
<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 13*	solvents
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
20 01 29*	detergents containing hazardous substances
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 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 37*	wood containing hazardous substances

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
<b>02</b>	<b>Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 09	agrochemical waste other than those mentioned in 02 01 08
<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 12	waste paint and varnish other than those mentioned in 08 01 11
<b>08 02</b>	<b>wastes from MFSU of other coatings (including ceramic materials)</b>
08 02 01	waste coating powders
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including water proofing products)</b>
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
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13



<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 02</b>	<b>wastes from the iron and steel industry</b>
10 02 15	other sludges and filter cakes
<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 99	wastes not otherwise specified
<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 02	plastic packaging
15 01 04	metallic packaging
15 01 06	mixed packaging
<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 12	brake pads other than those mentioned in 16 01 11
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>
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 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 99	wastes not otherwise specified
<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)
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 04</b>	<b>metals (including their alloys)</b>
17 04 01	copper, bronze, brass

<b>Table S2.3 Permitted waste types and quantities for non-hazardous waste storage and treatment</b>	
<b>Maximum quantity</b>	The total quantity of waste accepted at the site for all activities shall not exceed 40,000 tonnes per year.
<b>Waste code</b>	<b>Description</b>
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
<b>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 07	chemicals other than those mentioned in 18 01 06
<b>18 02</b>	<b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>
18 02 06	chemicals other than those mentioned in 18 02 05
<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 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
<b>19 09</b>	<b>wastes from the preparation of water intended for human consumption or water for industrial use</b>
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 06	other fractions other than those mentioned in 19 10 05
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
<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 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1, A3, A4, A5, A6, A8, A9, A11, A15, A16	T2, T4, T5, T6, T7, T11, T12, T17, T22, T23	No parameters set	No limit set	-	-	-
A2, A10, A12, A13, A14	Waste oil tanks: T3, T16, T18, T19, T20	Class A VOCs	No limit set	-	-	-
A7	Waste oil tanks (manifolded): T8, T9, T10	Class B VOCs Ammonia Hydrogen sulphide	No limit set	-	-	-
A17	Gas-oil steam boiler	Oxides of nitrogen Oxides of sulphur Carbon monoxide	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 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
-	-	-	-

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Waste oil dispatched	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

<b>Table S4.4 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	15/06/21
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	15/06/21
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	15/06/21
Waste returns	Electronic format as agreed in writing with the Environment Agency	-

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

## Part A

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

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

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

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

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

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

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

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

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

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

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

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

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“emissions to land” includes emissions to groundwater.

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

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“pests” means birds, vermin and insects.

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

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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 S2.2, for that table, they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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

“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

Article 2(a) says that ‘PCBs’ means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromodiphenyl methane; and
- 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.

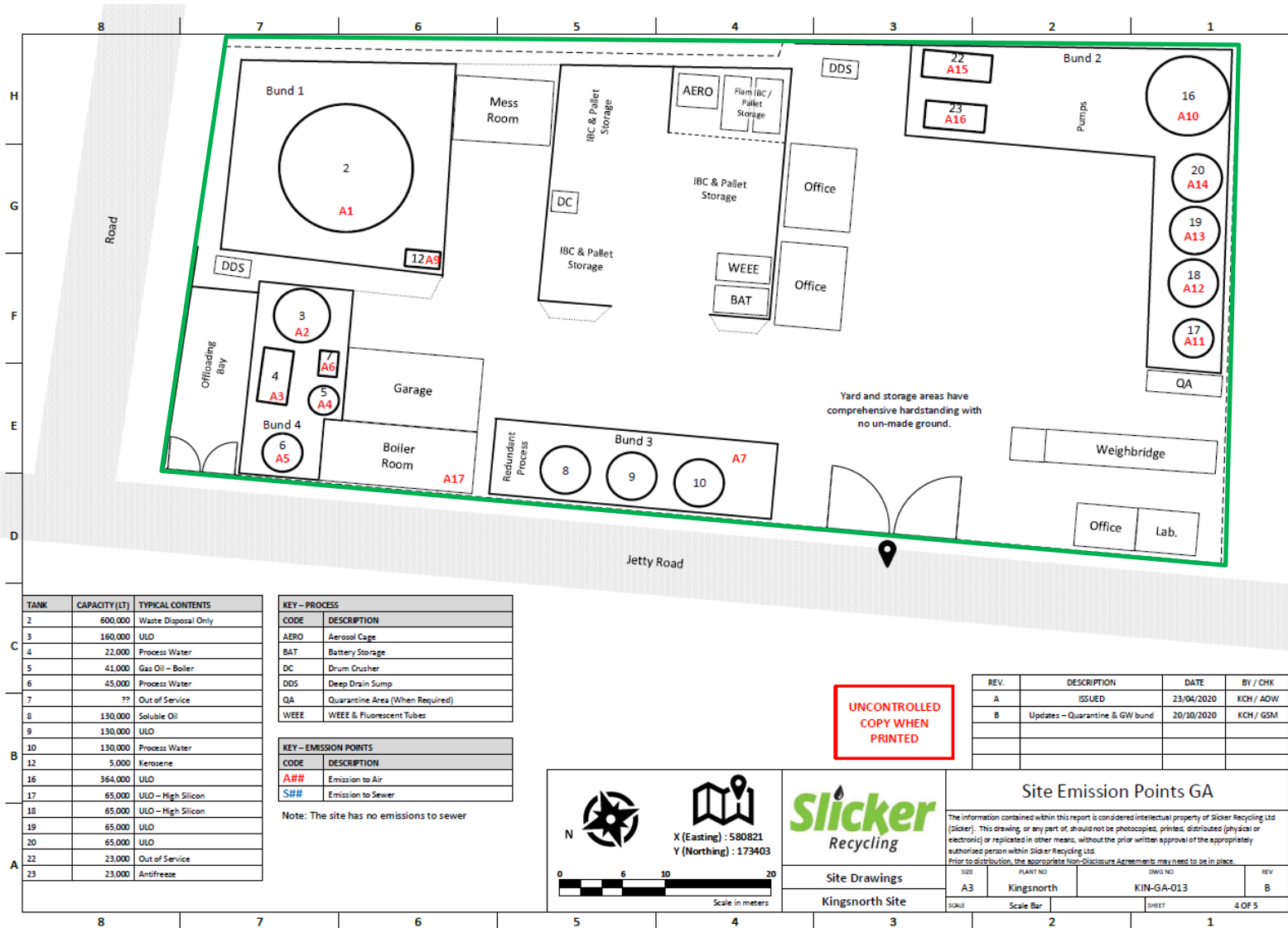
“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“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



TANK	CAPACITY (LT)	TYPICAL CONTENTS
2	600,000	Waste Disposal Only
3	160,000	ULO
4	22,000	Process Water
5	41,000	Gas Oil – Boiler
6	45,000	Process Water
7	??	Out of Service
8	130,000	Soluble Oil
9	130,000	ULO
10	130,000	Process Water
12	5,000	Kerosene
16	364,000	ULO
17	65,000	ULO – High Silicon
18	65,000	ULO – High Silicon
19	65,000	ULO
20	65,000	ULO
22	23,000	Out of Service
23	23,000	Antifreeze

KEY – PROCESS	
CODE	DESCRIPTION
AERO	Aerosol Cage
BAT	Battery Storage
DC	Drum Crusher
DDS	Deep Drain Sump
QA	Quarantine Area (When Required)
WEEE	WEEE & Fluorescent Tubes

KEY – EMISSION POINTS	
CODE	DESCRIPTION
A##	Emission to Air
S##	Emission to Sewer

Note: The site has no emissions to sewer

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REV.	DESCRIPTION	DATE	BY / CHK
A	ISSUED	23/04/2020	KCH / AOW
B	Updates – Quarantine & GW bund	20/10/2020	KCH / GSM

X (Easting) : 580821  
 Y (Northing) : 173403



### Site Emission Points GA

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SIZE	PLANT NO	DWG NO	REV
A3	Kingsnorth	KIN-GA-013	B
SCALE	Scale Bar	SHEET	4 OF 5

END OF PERMIT

Permit number  
EPR/QP3138AA

**Permit Number:   EPR/QP3138AA**

**Operator:         Slicker Recycling Limited**

**Facility:           Kingsnorth Oil Treatment  
                      Plant**

**Form Number:     WaterUsage1 / 15/06/21**

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

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

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number: EPR/QP3138AA**

**Operator: Slicker Recycling Limited**

**Facility: Kingsnorth Oil Treatment Plant**

**Form Number: Energy1 / 15/06/21**

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

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh		
Natural Gas	MWh		
Gas Oil	tonnes		
Recovered Fuel Oil	tonnes		
<b>TOTAL</b>	-		

\* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number: EPR/QP3138AA**

**Operator: Slicker Recycling Limited**

**Facility: Kingsnorth Oil Treatment Plant**

**Form Number: Performance1 / 15/06/21**

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

<b>Parameter</b>	<b>Units</b>
Total raw material used	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)