

# Permit with introductory note

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

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Port Fuels Limited

Port Fuels Ltd  
Dock Yard Road  
Ellesmere Port  
CH65 4EN

### **Permit number**

EPR/AP3809PX

# Port Fuels Ltd

## Permit number EPR/AP3809PX

### Introductory note

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

The main features of the permit are as follows.

The permit allows the operator Port Fuels Limited to operate an installation at the Dock Yard Road, Ellesmere Port site. The site is located within an industrial area, grid reference: SJ 41097 76992. The closest residential properties are located approximately 750m from the site; the neighbouring businesses to the site include a household waste recycling centre, industrial waste recycling, and oil products production.

This permit is for the storage and treatment of hazardous waste oils. It authorises the following installation activities:

- S5.3A(1)(a)(ii) physico-chemical treatment of waste oils;
- S5.3A(1)(a)(iii) blending and mixing hazardous waste oil;
- S5.6A(1)(a) temporary storage of waste prior to treatment; and
- Directly Associated Activities (storage of waste after treatment, storage of separated residue prior to off-site disposal, and collection, storage and off-site disposal of contaminated surface water).

The only waste to be handled on site will be waste oils. Waste oil will be brought in to the site in bulk tankers and off-loaded into storage tanks 2 and 3. The off-loading areas have separate surface water containment systems to prevent any spillages from directly entering the site drainage systems.

The waste oils in tank 2 and 3 may be mixed or blended either with waste oils of lower viscosity, or with raw materials such as contaminated kerosene and diesel, that will benefit from the treatment process as well. The waste oils that require mixing and blending will normally have high viscosity or high water content. Mixing of the wastes with other raw materials is to improve the viscosity, to aid the processing rates as well as to improve the finished product quality.

Mixing of wastes will be done in tanks 2 and 3. The design and operation of the system allows non-homogenous mixtures to be circulated and mixed through the oil recovery system. All wastes received at site will be processed through the filtration-recovery system to "polish" the waste. Waste oils are circulated through the cross-flow filters, which recover the useable hydrocarbons, and return to the feed tank any materials that have not passed through the filters. This cyclical process is programmed to continue until the residue (oil additives, particulates, water, sludge) in the feed tank is no longer viable as a feed for the filters. Additional waste material may be added on top to continue the filtration and recovery process, or alternatively the residues may be transferred to a waste tank for disposal via a licenced contractor. The recovered oils from the treatment process are temporarily stored in tank 1 while waiting for end-of-waste certification or dispatched to third party sites in line with agreed specifications.

The annual throughput of waste that can be stored or treated at the site is limited 35,000 tonnes/year. The quantity that can be stored at any one time is limited to 100 tonnes.

There are designated habitats sites (SPA and Ramsar - Mersey Estuary) within 10 km and SSSI site (Mersey Estuary) within 2 km of the installation. There are no point source emissions to water or land from the storage and treatment operations. The storage and treatment area is fully contained and sealed and under cover, with electrical submersible pumps that are used in transferring contaminated water in this area to IBCs for offsite disposal.

There are potential emissions of VOCs from the vents of the storage and treatment tanks. The operator has carried out H1 Screening which demonstrate that there is no significant impact of VOCs on the environment.

The Company operates an internal Environmental Management System which considers and achieves the requirements listed in the Sector Guidance Note S5.06 for the permitted installation.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/AP3809PX/A001	Duly made 06/09/19	Application for a permit to allow the treatment of waste oils.
Response to the Schedule 5 Notice 29/11/2019	16/12/19	Response to the Schedule 5 Notice including, Environmental Management System and Summary, amended versions of the Site Drawings, Waste Pre-acceptance and Technical Assessment, Waste Acceptance and Technical Assessment, Odour Management Plan, Activities and EWC Codes, and Operating Techniques.
Response to the Schedule 5 Notice 16/01/2020	30/01/20	Response to the Schedule 5 Notice 2 including, revised versions of the site drawings, Waste Pre-acceptance and Technical Assessment, Emergency Procedure, Waste Rejection Procedure, Odour Management Plan, Activities and EWC Codes, and Operating Techniques.
Additional information	06/03/20	Email and additional information including, updated version of the response to the Schedule 5 Notice 2, including revised site drawing, Waste Rejection Procedure, Environmental Risk Assessment and Relevant Hazardous Substances spreadsheet.
	12/03/20	Updated version of the Operating Techniques and the amended installation boundary drawing.
	18/03/20	Email and additional information including, updated version of the response to the Schedule 5 Notice 2, Operating Techniques, Environmental Risk Assessment, Odour Management Plan and Site Plan Full (Vehicle sampling location & off-loading) v4.
Permit determined EPR/AP3809PX (PAS Billing ref. AP3809PX).	15/04/20	Permit issued to Port Fuels Limited.

End of introductory note

# Permit

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

### Permit number

EPR/AP3809PX

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Port Fuels Limited** (“the operator”),

whose registered office is

**C/O ESL Fuels Limited  
Thornton Science Park  
Chester  
CH2 4NU**

company registration number **11147398**

to operate an installation at

**Port Fuels Ltd  
Dock Yard Road  
Ellesmere Port  
CH65 4EN**

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

Name	Date
Claire Roberts	15/04/20

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”).

### **2.2 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 table S2.2; 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.

## **2.5 Pre-operational conditions**

- 2.5.1 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 tables 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 table S3.1 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 operations</b>	<b>Limits of specified activity and waste types</b>
AR1	S5.3 Part A(1)(a)(ii)	Physico-chemical treatment of hazardous waste oils for recovery R3: Recycling/reclamation of organic substances which are not used as solvents	From receipt of waste oils to treatment in the filtration units. Treatment is limited to filtration of the waste oils. Treatment under AR1 and AR2 activities is limited to 100 tonnes/day. Treatment operations shall take place on an impermeable surface with sealed drainage system. Waste types as specified in Table S2.2.
AR2	S5.3 Part A(1)(a)(iii)	Blending and mixing of hazardous waste oils and with raw materials prior to physico-chemical treatment R3: Recycling/reclamation of organic substances which are not used as solvents	From receipt of waste oils to treatment by mixing and blending in Tanks 2 and 3. Treatment under AR1 and AR2 activities is limited to 100 tonnes/day. Treatment operations shall take place on an impermeable surface with sealed drainage system. Waste types as specified in Table S2.2.
AR3	S5.6 Part A(1)(a)	Temporary storage of hazardous waste prior to treatment 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)	Storage of waste prior to treatment in Tanks 2 and 3 only. Waste shall not be stored longer than 6 months without prior written approval from the Environment Agency. No more than 100 tonnes waste shall be stored at any one time. Storage operations shall take place on an impermeable surface with sealed drainage system. Waste types as specified in Table S2.2
<b>Directly Associated Activity</b>			
AR4	N/A	Storage of treated waste	Storage of treated waste derived from activities AR1 and AR2 prior to end of waste certification and/or dispatch off site. Storage operations shall take place on an impermeable surface with sealed drainage system.
AR5	N/A	Storage of separated residue	Storage of waste residues (water, oil additives, sludges, soot and other contaminants) prior to off-site disposal. Storage operations shall take place on an impermeable surface with sealed drainage system.
AR6	N/A	Collection and storage of contaminated surface water runoff.	From the collection to discharge off-site. No discharge to surface water.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	Document provided in response to section 3a – technical standards, Part B3 of the application form.	13/05/19
Response to the Schedule 5 Notice 29/11/2019	Response to questions 9, 10, 11, 12 and 15 of the Schedule 5 Notice, providing details on: <ul style="list-style-type: none"> <li>▪ on-site laboratory arrangements</li> <li>▪ storage period of wastes within the reception/dedicated sampling area</li> <li>▪ resident time of each batch of waste</li> <li>▪ supervisory arrangement for waste acceptance, and</li> <li>▪ samples procedure for wastes that are taken from different sources.</li> </ul>	16/12/19
Response to the Schedule 5 Notice 16/01/2020	Response to questions 2, 3, 4, 6, 7, 8, and 9 of the Schedule 5 Notice, providing details on: <ul style="list-style-type: none"> <li>▪ hazardous characteristics labelling</li> <li>▪ the design/construction specifications of your filtration units</li> <li>▪ residual waste build-up and management</li> <li>▪ how to report malfunctioning of site's infrastructure</li> <li>▪ internal tracking system and details of how it is used in monitoring waste movements</li> <li>▪ spillage management plan for &gt; 200 litres spillage</li> <li>▪ treatment procedure for treating 'contaminating metals'</li> <li>▪ amended list of EWC code table</li> <li>▪ compatibility testing procedure</li> <li>▪ procedure for rainwater management.</li> </ul>	30/01/20
Additional information	Email dated 06/03/20 and the amended Waste Rejection Procedure.	06/03/20
	Amended drawing showing installation boundary.	12/03/20
	<ul style="list-style-type: none"> <li>▪ Amended version of the Operating Techniques (version 6)</li> <li>▪ Amended version of the Odour Management Plan (version 3, dated Jan 2020).</li> <li>▪ Site Plan Full (Vehicle sampling location &amp; off-loading) v4.</li> </ul>	18/03/20

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>The operator shall undertake 6 monitoring exercises over a period of 12 months at the vents in Tanks 2 and 3 (shown on the drawing reference 'Tank Layout v3', dated 04/03/2020) when wastes are being processed in the tanks following full commissioning of the waste oils treatment operations in Table S1.1.</p> <p>The monitoring shall be carried out for the parameters (TVOC) and in line with the standards specified in Table S3.1.</p>	12 months following commissioning of the waste oils treatment operations.
IC2	<p>The operator shall provide a written report detailing the results and conclusions of the monitoring exercises specified under IC1 to the Environment Agency for approval.</p> <p>The report shall also include a review of the emissions from the vents in Tanks 2 and 3 against the limit specified in Table S3.1.</p>	13 months following commissioning of the waste

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
		oils treatment operations.
IC3	<p>If the report provided under IC2 shows any of the emissions are above the limit in Table S3.1, the operator shall review their air impact assessment and submit to the Environment Agency, for approval, written proposals for abatement systems to be implemented, together with the timescale for the implementation.</p> <p>The site shall implement the proposals for abatement systems within the timescale agreed with the Environment Agency.</p>	15 months following commissioning of the waste oils treatment operations.

<b>Table S1.4 Pre-operational measures for future development</b>		
<b>Reference</b>	<b>Operation</b>	<b>Pre-operational measures</b>
POM1	Waste acceptance and treatment at the site	<p>Prior to the commencement of waste acceptance, storage and/or treatment operations authorised in this permit, the operator shall</p> <ul style="list-style-type: none"> <li>▪ Submit a report to demonstrate that all storage and treatment tanks, pipelines and secondary containment systems have been leak-tested.</li> <li>▪ Install a SCADA system to automatically close valves and consider stopping operations when the high-level alarms of tanks 1, 2 and 3 are triggered.</li> <li>▪ Install roof over the oil treatment and storage area to minimise rainwater ingress into the area.</li> </ul>
POM2		<p>Prior to the commencement of waste acceptance, storage and/or treatment operations, the operator shall submit a report on the baseline conditions of soil and groundwater to the Environment Agency for approval.</p> <p>The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities. The report shall contain information, supplementary to that already provided in the application and should be in accordance with the H5 guidance.</p>

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

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel	Flash point >38°C; no PCBs
Kerosene	

Table S2.2 Permitted waste types and quantities for storage and treatment under activities AR1 – AR3 of Table S1.1	
Maximum quantity	The maximum annual throughput allowed under Activities AR1 – AR3 of table S1.1 is 35,000 tonnes.
Waste code	Description
<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
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
<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 05*	oil spills
<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 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 10*	synthetic machining oils
12 01 19*	readily biodegradable machining oil
<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 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 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>

<b>Table S2.2 Permitted waste types and quantities for storage and treatment under activities AR1 – AR3 of Table S1.1</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput allowed under Activities AR1 – AR3 of table S1.1 is 35,000 tonnes.</b>
<b>Waste code</b>	<b>Description</b>
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
<b>13 04</b>	<b>bilge oils</b>
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 06*	oil 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 03*	other fuels (including mixtures)
<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>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 26*	oil and fat other than those mentioned in 20 01 25

## Schedule 3 – Emissions and monitoring

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit) (1)</b>	<b>Reference period</b>	<b>Monitoring frequency (2)</b>	<b>Monitoring standard or method</b>
Vents of tanks 2 and 3 as shown in the drawing reference 'Tank Layout v3', dated 04/03/2020	Waste oil storage and mixing operations	VOCs	30 mg/m <sup>3</sup>	Average over the sampling period	Once every two months	EN 12619
<p>(1) The BAT-AEL does not apply when the emission load is below 2 kg/h at the emission point provided that no CMR substances are identified as relevant in the waste gas stream, based on the inventory mentioned in BAT 3 of the Waste Treatment BAT Conclusions.</p> <p>(2) Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.</p>						



## 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>
Emissions to air Parameters as required by condition 3.5.1.	Vents of tanks 1, 2 and 3	Every 12 months	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Quantity of waste treated by filtration	tonnes
Quantity of residual waste generated	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>
Air	Form air 1 or other form as agreed in writing by the Environment Agency	15/04/20
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	15/04/20
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	15/04/20
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	15/04/20

# 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.

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

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

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

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

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2, for that table, they have the meaning given below:

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

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

'PCBs' means

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

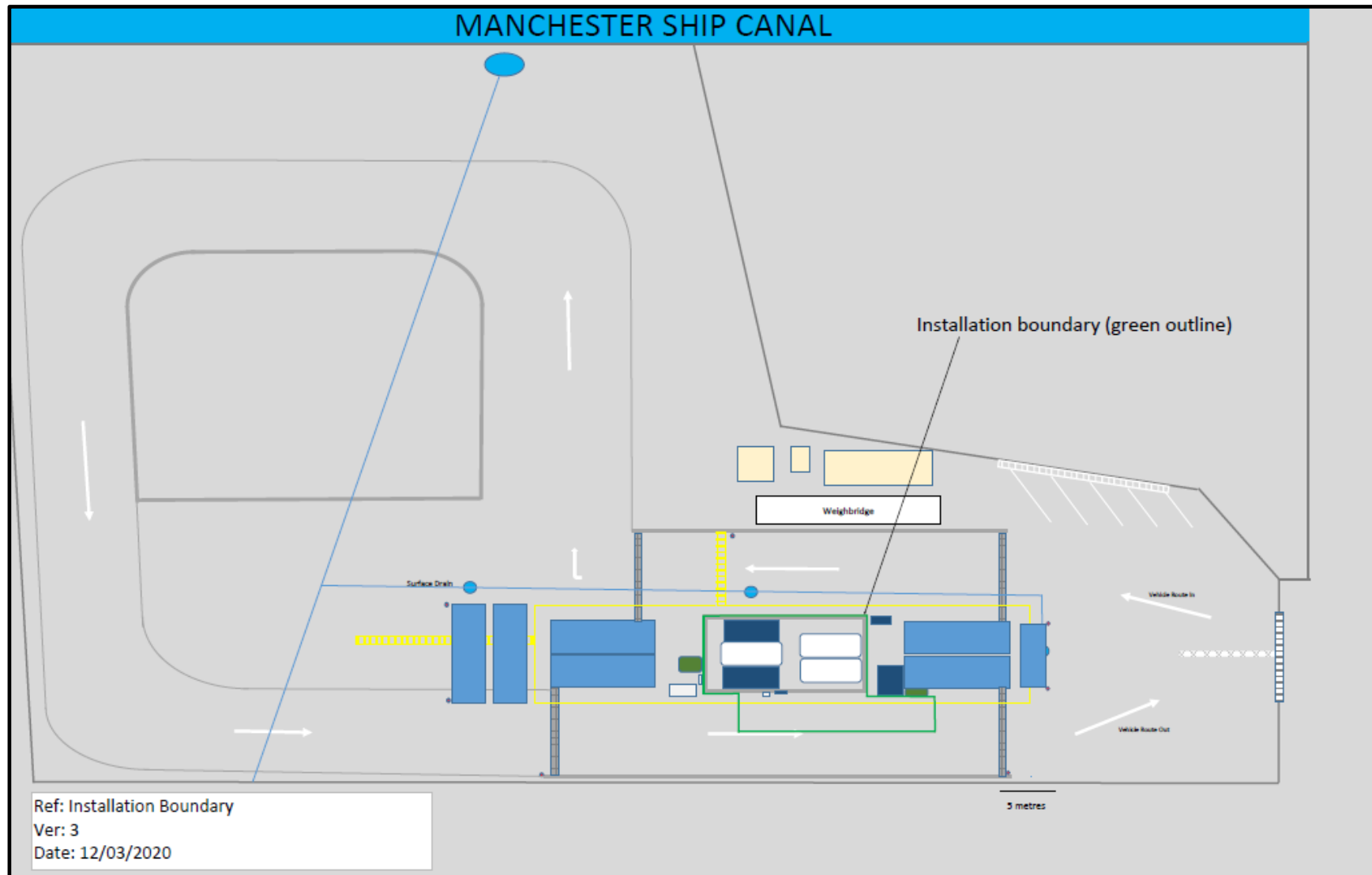
'transition metals' means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

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

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

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

# Schedule 7 – Site plan



END OF PERMIT