

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Oil Salvage Limited

Bishop's Stortford Oil Storage Depot
Farnham Road
Bishop's Stortford
East Hertfordshire
CM23 1JB

Permit number

EPR/AP3441QF

Bishop's Stortford Oil Storage Depot

Permit number EPR/AP3441QF

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The Bishop's Stortford Oil Storage Depot is located off Farnham Road to the north of Bishop's Stortford, the nearest residential properties are located approximately 340m to the south. The site is a former oil storage facility which the operator proposes to upgrade to be used for the bulk storage and transfer of hazardous waste oils under the following EPR scheduled activity: *Section 5.6 Temporary or underground storage of hazardous waste Part A(1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes*. The site is located within a Source Protection Zone 2 and is also located within an area with risk of flooding.

The site consists of 7 bulk storage tanks, 6 of which will be used for the bulk storage of the waste oils and 1 will be used for the storage of contaminated water from within the tanks containment bund. The 6 waste oil storage tanks have combined capacity of 330 m³, and the water storage tank is 55m³ capacity. The site operations are limited to 20,000 tonnes per annum throughput. All the tanks and their containment systems will be engineered to the relevant BAT standards and consideration of the potential flood risk prior to operation.

The site is generally un-manned and, aside from waste storage, is only operational when trained company drivers to load waste oil into or draw waste oil out of the storage tanks, and when attended as required by the technically competent manager. The site will incorporate an intruder alert system, a fire detection and alert system providing 24hr/day call out, and a CCTV system which will be used for monitoring the site and operations from the company Head Office in Bootle, Liverpool.

The site will be engineered within impermeable hard standing. The unloading and loading operational area will have kerbed containment and blind sump to contain potentially contaminated surface water and to mitigate the impact of spills, with the collected water proposed to be pumped to the oily water storage tank for despatch off-site for treatment or disposal. The final drainage design is subject to pre-operational conditions for which the operator needs to confirm the current site drainage and its condition and undertake any required engineering to ensure BAT. Currently two clean uncontaminated surface water emissions points to the Bourne Brook are proposed; from W1 which collects surface water from the southern end of the site including the area immediately around the kerbed loading area and around the tank containment; and W2 which collects surface water from the site access track. W1 will be equipped with an appropriately designed three-stage inceptor and a penstock valve which can be operated (including remotely from the head office in Liverpool) to control risk of spillages entering the surface water from areas around the unloading and loading operations.

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

Status log of the permit		
Description	Date	Comments
Application EPR/AP3441QF/A001	Duly made 22/02/23	Application for hazardous waste oil storage facility.
Additional information received	23/05/2023	Schedule 5 responses in relation to proposed site engineering and BAT standards, and provision of a draft Accident and Incident Management Plan.

Status log of the permit		
Description	Date	Comments
Additional information received	03/08/2023	Schedule 5 responses in relation to Emergency Management Plan, and further information on existing site drainage.
Permit determined EPR/AP3441QF	05/09/2023	Permit issued to Oil Salvage Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/AP3441QF

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

Oil Salvage Limited (“the operator”),

whose registered office is

Seymour Chambers

92 London Road

Liverpool

L3 5NW

company registration number 01857473

to operate an installation at

Bishop's Stortford Oil Storage Depot

Farnham Road

Bishop's Stortford

East Hertfordshire

CM23 1JB

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

Name	Date
Charlotte Wakefield	05/09/2023

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 The operator shall:

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

1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

2 Operations

2.1 Permitted activities

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

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in 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.
- 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 Pre-operational conditions

- 2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out for groundwater and soil and determined through pre-operational conditions PO12 in Table S1.3, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

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

3.4.2 The operator shall:

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

3.5 Monitoring

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

- (a) point source emissions specified in tables S3.1 and S3.2; and
- (b) process monitoring specified in table S3.3;

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 and S3.2 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) A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the performance parameters set out in schedule 4 table S4.1 using the forms specified in table S4.2 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) 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 S4.2; 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, if during that quarter the total amount accepted exceeds 100 tonnes of non-hazardous waste or 10 tonnes of hazardous waste.

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

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Storage of hazardous waste. 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 and storage of hazardous waste on site to its transfer off-site. The amount of hazardous waste stored on site at any one time shall not exceed 330 tonnes. No waste shall be treated (including dewatered), blended or mixed, or repackaged on site. The bulking and transfer shall not result in deliberate dilution of hazardous substances. All waste shall be stored within the site storage tanks numbered 1 to 6 (55 m ³ each), being located at the locations identified on the site plan in Schedule 7. Waste shall be stored on impermeable surfacing with sealed drainage. Waste shall not be stored in vehicles or vehicle trailers, unless they are being received for immediate offloading or prepared for imminent transfer (that is, they will be removed from site within 24 hours, or 72 hours if over a weekend). All wastes shall be stored on site for no longer than 6 months. Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence. No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Table S2.2.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
Directly Associated Activity			
AR2	Release of clean uncontaminated surface water	Uncontaminated surface water release to the Bourne Brook, via release points W1 and W2.	Release from site surface water collection system of clean uncontaminated surface water via appropriately designed interceptor (refer to Pre-Operational Condition PO1, table S1.3).
AR3	Collection and storage of contaminated water.	Collection of contaminated water from within tank farm bund and site interceptors and storage prior to removal from site for appropriate treatment or disposal.	Storage within Tank 7, maximum of 55m ³ .
AR4	Collection of site wastes for off-site recycling, recovery or disposal	-	Used spill kits and general consumables.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Chemical waste: appropriate measures for permitted facilities. https://www.gov.uk/guidance/chemical-waste-appropriate-measures-for-permitted-facilities	All relevant parts of the appropriate measures guidance shall apply.	N/A
Application EPR/AP3441QF/A001	Response to Question 3 of form C3, supporting documents unless superseded by Schedule 5 responses.	Duly made 22/02/23
Schedule 5 response	Schedule 5 responses in relation to proposed site engineering and BAT standards.	23/05/2023
Letter received - Response to OSL Queries August 2023, dated 3 rd August 2023.	Response to Item 2 regarding drainage inspections pending further investigation and site upgrades through PO1, Table S1.3. Response to Item 3 regarding intention to install suitable tank vent abatement in accordance with PO3 to PO9, Table S1.3.	03/08/2023.
Bishop's Stortford Oil Storage Depot Emergency Management Plan, V1.0 31 st July 2023.	All parts.	03/08/2023.

Table S1.3 Pre-operational measures

Reference	Pre-operational measures
PO1 - Site surfacing and drainage for external areas	<p>The operator shall submit to the Environment Agency for approval, a written report detailing:</p> <ul style="list-style-type: none"> - Final detailed proposals for providing external areas of the site where waste is stored or handled with impermeable surfacing and a sealed drainage system. - Proposals demonstrating control measures for segregation of clean and dirty water, and appropriately engineered class 1 surface water interceptor(s) (https://www.gov.uk/guidance/pollution-prevention-for-businesses, with reference to BS EN 858-1:2002. Separator systems for light liquids (e.g. oil and petrol). Principles of product design, performance and testing, marking and quality control, and BS EN 858-2:2003. Separator systems for light liquids (e.g. oil and petrol). Selection of nominal size, installation, operation and maintenance). - Where existing infrastructure is retained evidence that the infrastructure is of a suitable design and condition for its intended use. - Assessment of adequacy of the final proposed design in relation to potential storm water and flooding events, demonstrating that the system can operate effectively under these scenarios. <p>The proposal must include the specification of the proposed infrastructure, an implementation plan, timescales for implementation. The report must demonstrate that the measures in place for the start of operation comply with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities.</p> <p>Within the report the operator shall provide assessment of whether the final designs vary in any way to proposals contained within the original environmental permit application, and environmental permit. Based on this assessment the operator shall discuss and agree with the Environment Agency whether a variation is required to the permit in order to capture any required changes in design and operation.</p>
PO2 - Site Containment in accordance with CIRIA 736	<p>The operator shall review the design, method of construction and integrity of the site's secondary containment surrounding the bulk storage vessels. This review shall be carried out by a qualified civil or structural engineer. The review shall compare the constructed secondary containment against the standards set out in CIRIA C736 – Containment Systems for the Prevention of Pollution – secondary, tertiary and other measures for industrial and commercial premises, or other relevant industry standard or such other subsequent guidance as may be agreed in writing from the Environment Agency.</p> <p>The review shall include:</p> <ul style="list-style-type: none"> • The physical condition of the secondary containment; • The suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure; • The containment infrastructures resilience to flood risk, and its role in mitigation of flooding risk with respect to accidental releases; • Any work required to ensure compliance with the standards set out in CIRIA C736 or other relevant industry standard; • Timescales for any improvement necessary; and • A preventative maintenance and inspection regime. <p>The written report of the review shall be submitted to the Environment Agency for approval including timescales for the implementation of any remedial works proposed. The operator shall implement the improvements to the approved timescales.</p>
PO3 – Tank 1, tank BAT standards prior to operation.	<p>Prior to the use of Tank 1 the operator shall submit to the Environment Agency for approval a written report demonstrating Tank 1's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p>

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
	<ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO4 – As above for Tank 2	<p>Prior to the use of Tank 2 the operator shall submit to the Environment Agency for approval a written report demonstrating the Tank 2's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO5 – As above for Tank 3	<p>Prior to the use of Tank 3 the operator shall submit to the Environment Agency for approval a written report demonstrating the Tank 3's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO6 – As above for Tank 4	<p>Prior to the use of Tank 4 the operator shall submit to the Environment Agency for approval a written report demonstrating the Tank 4's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO7 – As above for Tank 5	<p>Prior to the use of Tank 5 the operator shall submit to the Environment Agency for approval a written report demonstrating the Tank 5's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO8 – As above for Tank 6	<p>Prior to the use of Tank 6 the operator shall submit to the Environment Agency for approval a written report demonstrating Tank 6's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
PO9– As above for Tank 7	<p>Prior to the use of Tank 7 the operator shall submit to the Environment Agency for approval a written report demonstrating the Tank 7's compliance with the requirements of our guidance Chemical waste: appropriate measures for permitted facilities, including but not limited to:</p> <ul style="list-style-type: none"> - Level monitoring, valving and overflow arrangements. - Compliance with CIRIA and EEMUA standards. - Appropriate vent abatement. - A schedule for future tank inspections and maintenance
PO10 – Flooding risk and requirement for FRA permit.	<p>The operator shall submit to the Environment Agency for approval a written report demonstrating that the final detailed design proposals for the site adequately control the risks posed to the site and environmental receptors from flooding. The report shall consider the risks from both fluvial and pluvial flooding and the mitigation of 1 in 30-year and 1 in 100-year rainfall return event, and any requirement for Flood Risk Activity permitting (Flood risk activities: environmental permits - GOV.UK (www.gov.uk)) for infrastructure works required within 8m of the Bourne Brook (from top of bank) and it is classed as a main river.</p>
PO11 Site Condition Report	<p>Following the completion of any remediation works that are required under the sites planning permission and prior to the commencement of commissioning, the Operator shall submit a report, and obtain the Environment Agency's written approval to it, on the baseline conditions of soil and groundwater at the installation. The report shall contain the information necessary to determine the state of soil and groundwater contamination following the remediation so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the IED. The report shall contain information, supplementary to that already provided in application Site Condition Report, if needed to meet the information requirements of Article 22(2) of the IED.</p>
PO12 IED monitoring	<p>The Operator shall submit the written protocol referenced in condition 3.1.3 for the monitoring of soil and groundwater for approval by the Environment Agency. The protocol shall demonstrate how the Operator will meet the requirements of Articles 14(1)(b), 14(1)(e) and 16(2) of the IED.</p> <p>The procedure shall be implemented in accordance with the written approval from the Agency to satisfy permit condition 3.1.3.</p> <p>and: The Operator shall carry out monitoring of soil and groundwater in accordance with IED articles 14(1)(b), 14(1)(e) and 16(2) to the protocol approved in writing with the Environment Agency under PO12 to permit satisfy condition 3.1.3.</p>

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
-	-

Maximum quantity	The total quantity of wastes accepted at the site shall not exceed 20,000 tonnes per year.
Waste code	Description
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
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 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 19*	readily biodegradable machining oil
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
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
13 02	waste engine, gear and lubricating oils
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
13 03	waste insulating and heat transmission oils
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

Table S2.2 Permitted waste types and quantities for activity AR1 Storage of hazardous waste.	
Maximum quantity	The total quantity of wastes accepted at the site shall not exceed 20,000 tonnes per year.
13 05	oil/water separator contents
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 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 02*	other emulsions

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Abated vents A1 to A14, as identified on Site Plan in Schedule 7, or as modified through Pre-Operational condition PO3 to PO9.	Storage tanks 1 to 7	No parameters set	No limit set	--	--	As specified within Table S3.3.

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 as identified on Site Plan in Schedule 7, or as modified through PO1.	Uncontaminated Surface water runoff	-	Clean surface water, no visible oil or grease.	--	--	--
W2 as identified on Site Plan in Schedule 7, or as modified through PO1.	Uncontaminated Surface water runoff	-	Clean surface water, no visible oil or grease.	--	--	--

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other Specifications
Abated vents A1 to A14, as identified on Site Plan in Schedule 7, or as modified through Pre-Operational condition PO3 to PO9.	Efficiency assessment	As specified in the agreed abatement plan.	Carbon filter(s) or other suitable abatement method shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations, and with the agreed abatement plan outlined in PO3-9.	-

Schedule 4 – Reporting

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

Table S4.1 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh

Table S4.2 Reporting forms		
Parameter	Reporting form	Form version number and date
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

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	

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

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

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

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

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

“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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“blending or mixing” is the combination of wastes (other than repackaging) of the same general type (for example non halogenated solvents or acids) having similar characteristics, in a container or bulk vessel or tank, where there is neither reaction of the mixed wastes nor evolution of gas.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“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.

“fugitive emission” means an emission to air, water or land from the activities which is 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.

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“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.

“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 of 19 November 2008 on Waste.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“repackaging” includes:

- taking a waste package for example a bag, drum or box out of one cart or bulk container for example, skip and placing it into another cart or bulk container for example, skip
- taking a waste package from a cart or bulk container for example, skip and placing it onto a pallet or vehicle
- taking a waste package from a pallet and placing it into a cart or bulk container for example, skip
- transferring, removing or separating waste from its primary packaging into another container

Wastes that are combined together during repackaging activities shall have the same EWC code and similar chemical composition.

“sealed drainage” in relation to an impermeable surface means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquid will run off the surface otherwise than via the system
- except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump

“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.

“year” means calendar year ending 31 December.

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

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

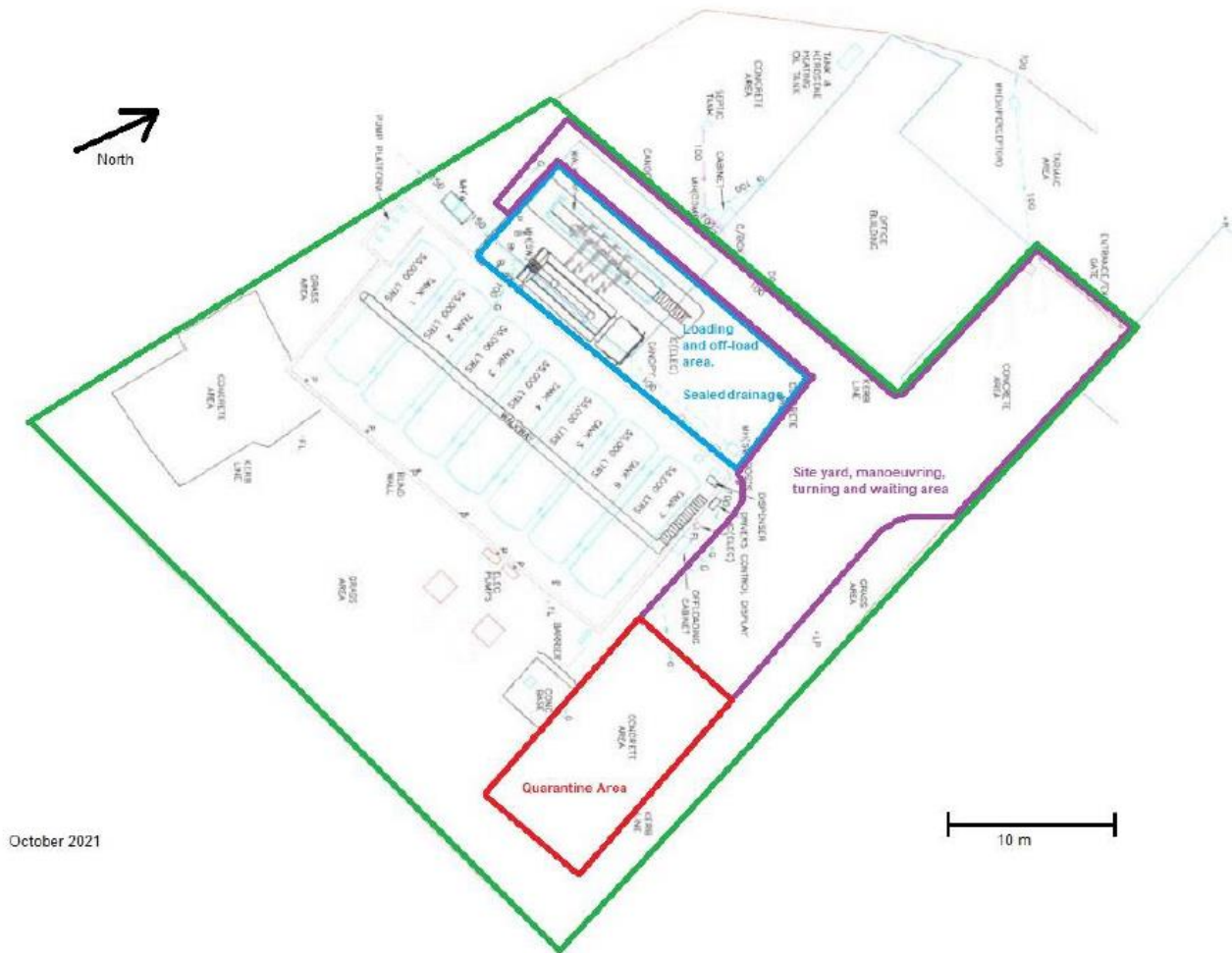
'transition metals' means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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



October 2021

END OF PERMIT

Water Usage Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m ³)	Specific water usage (m ³ /unit) ²
Mains water	<i>[insert annual usage in m³ where mains water is used]</i>	<i>[insert annual usage in m³/unit where mains water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m³ where applicable]</i>	<i>[insert annual usage in m³/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m³]</i>	<i>[insert total annual water usage in m³/unit]</i>

Operator's comments

Signed: [Name]

Date: [DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

¹ Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

² Divide energy consumption by an appropriate unit of raw material processed or product output.