

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

The Oil and Pipelines Agency

Plumley PSD
Back Lane
Knutsford
Cheshire
WA16 9SJ

Permit number

EPR/CP3643QY

Plumley PSD

Permit number EPR/CP3643QY

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows:

- The Environmental Permitting Regulations (EPR) Schedule 1 activities undertaken at the Installation are:
 - 1.2A (1) (e) (i) storage of crude oil and
 - 1.2A (1) (e) (ii) storage of stabilised crude petroleum.
- Plumley PSD (Petroleum Storage Depot) consists of 35 solution-mined salt caverns that were excavated in the 1950s, with a wellhead at the top of each. The wellheads consist of a concrete-lined containment chamber, which each have a volume of approximately 10 m³, and contain fuel and brine pipework. The caverns range in size from 86,000 m³ to 107,000 m³ giving the Plumley PSD a total storage capacity of roughly 3.2 million m³. 21 caverns contain hydrocarbons and 14 caverns contain brine with residual hydrocarbons.
- The top of each cavern is situated at a depth of up to 215 metres below ground level, with a height of c.50 m and diameter of c.76 m. The crude oil and petroleum hydrocarbons stored in each cavern are a Light Non-Aqueous Phase Liquid (LNAPL), that float upon brine that fills the remainder of each cavern. Product storage is a largely static, steady-state process with no active transfer pumping of the stored hydrocarbons or brine having been undertaken since the 1980s.
- On the surface level the cavern wellheads are located across 80 hectares of grazing land, which are used as an active livestock farm. There is an interceptor in the west of the site which discharges to the Peover Eye River. To the north of the installation is agricultural land owned by The Oil and Pipelines Agency that leads to the Peover Eye River.
- Plumley PSD was developed by the UK Government to be a fuel and oil storage depot between 1955 and 1963. The use of the caverns declined in the 1970s and by 1980 they were progressively being cleared of fuel. The approximate site inventory of hydrocarbons is 209,561 m³.
- Plumley PSD is under asset management by The Oil and Pipelines Agency and involves the following:
 - Maintenance: Replacing old valves/wellheads with new equipment. This involves depressurising the caverns (i.e. bringing oil to the surface). Oil is vacuumed out by specialist tanker for disposal.
 - Depressure: It is normal to have to relieve pressures on caverns every few years (or to top them up with brine).
 - Removal of rainwater from the wellhead areas via a vacuum tanker and emptying to the interceptor, which then discharges to the Peover Eye River.
- The site is roughly 1.2 km away from Plumley Lime Beds SSSI and 1.85 km from Tabley Mere SSSI. It is Roughly 5.3 km from Midland Mere & Mosses Ramsar site and roughly 9.6 km from Rostherne Mere Ramsar site.
- Inside the north end of the Plumley PSD site boundary there is a parcel of land that includes infrastructure associated with cross country pipelines, that are operated by a third party (Exolum, referred to as CLH Compound boundary in schedule 7 site plan), this does not form part of the installation. There is also a fuel pipeline that crosses part of the PSD and provides aviation fuel to Manchester Airport – the Manchester Jet Line (operated by Manchester Jetline Limited). To the south-west of the Plumley PSD there are farm buildings (Orchard Farm).

- In addition to being regulated under EPR, the Installation is regulated by the Health and Safety Executive and the Environment Agency as a joint Competent Authority, under the Control of Major Accident Hazards Regulations 2015 (COMAH), as the installation is an upper tier COMAH site.

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/CP3643QY/A001	Duly made 31/07/2023	Application for storage and handling of crude oil or stabilised crude petroleum with a tank storage capacity of 500 tonnes or more.
Additional information received	23/11/2023	Response to RFI dated 15/11/2023 with new site plan.
Additional information received	29/02/2024	Response to schedule 5 dated 01/11/2023 with updated Site Condition Report along with relevant appendices and drawings, a BAT assessment and relevant sections of the COMAH referenced in the BAT assessment.
Additional information received	01/08/2024	Response to schedule 5 dated 30/05/2024 with updated Site Condition Report along with relevant appendices and drawings and an updated site plan.
Additional information received	18/10/2024	Response to schedule 5 dated 19/08/2024 with updated Site Condition Report along with relevant appendices and drawings.
Additional information received	02/12/2024	Response provided by email on 02/12/2024. Monitoring of wellheads and removal of rainwater every 10 days for specific category bunds confirmed.
Permit determined EPR/CP3643QY	27/01/2025	Permit issued to The Oil and Pipelines Agency.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/CP3643QY

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

The Oil and Pipelines Agency (“the operator”),

of

**St George's House
Royal Clarence Yard
Weevil Lane
Gosport
PO12 1AP**

to operate an installation at

**Plumley PSD
Back Lane
Knutsford
Cheshire
WA16 9SJ**

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

Name	Date
Beccy Brough	27/01/2025

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.

1.2 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 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.

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

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2;
- 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 and AR2) 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 S4.3 using the forms specified in table S4.4 of that schedule.

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

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

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

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	Limits of specified activity
AR1	S1.2 A(1) (e) (i) The loading, unloading, handling or storage of, or the physical, chemical or thermal treatment of crude oil	The storage of crude oil. The total volume of crude oil is estimated to be 209,561m ³ .	The storage of crude oil only, not to handle or transfer. The maintenance which involves: <ul style="list-style-type: none"> • Small volumes of oil needing to be removed by a specialist vacuum tanker for disposal in order to relieve pressures on caverns. • Topping caverns up with brine. • The removal of rainwater from the wellhead areas via a vacuum tanker and emptying into the interceptor, which then discharges to the River Peover Eye.
AR2	S1.2 A(1) (e) (ii) The loading, unloading, handling or storage of, or the physical, chemical or thermal treatment of stabilised crude petroleum	The storage of stabilised crude petroleum. The total volume of stabilised crude petroleum is negligible but not proven.	The storage of stabilised crude petroleum only, not to handle or transfer. The maintenance which involves: <ul style="list-style-type: none"> • Small volumes of oil needing to be removed by a specialist vacuum tanker for disposal in order to relieve pressures on caverns. • Topping caverns up with brine. • The removal of rainwater from the wellhead areas via a vacuum tanker and emptying into the interceptor, which then discharges to the River Peover Eye.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The responses to questions on application forms: <ul style="list-style-type: none"> - Form B2 questions 3d, 5, and 6. 	Duly made 31/07/2023

Table S1.2 Operating techniques		
Description	Parts	Date Received
	- Form B3 questions 3, 4 and 6.	
Response to Schedule 5 Notice dated 01/11/2023	Response to section 1 providing updated SCR.	29/02/2024
Response to Schedule 5 Notice dated 01/11/2023	Response to section 2 with BAT assessment detailing technical standards in relation to Best Available Techniques as described in “Best Available Techniques Reference Document - Emissions from Storage”, “Best Available Techniques Reference Document - Refining of Mineral Oil and Gas” and Sector Guidance Note, “How to comply with your environmental permit Additional guidance for: Gasification, Liquefaction and Refining Installations” (EPR 1.02).	29/02/2024
Response to email relating to wellhead bunds dated 11/11/2024	Response provided by email titled “Response from operator re bund monitoring” on 02/12/2024. Monitoring of specified wellhead bunds and removal of rainwater every 10 days confirmed.	02/12/2024

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p><u>Best Available Techniques</u></p> <p>The operator shall submit a written report to the Environment Agency for confirmation.</p> <p>The report must:</p> <ul style="list-style-type: none"> - Contain evidence that the installation’s environmental management system includes a plan to periodically assess the cavern stability by seismic monitoring, in fulfilment of the requirements of section 5.1.6 of the “Best Available Techniques Reference Document - Emissions from Storage”. - Provide evidence that the seismic monitoring plan has been developed by competent specialists; - Confirm that the results and data gathered by the seismic monitoring will be reviewed and interpreted by competent specialists; <p>Make the details of the seismic monitoring plan, such as specific methods and frequencies for the proposed seismic monitoring and data gathered as part of the monitoring, available to the Environment Agency on request.</p> <p>The operator must implement the proposals in the report as confirmed with the Environment Agency.</p>	2 years from date of issue of permit
IC2	<p><u>Site Drainage</u></p> <p>The operator shall submit to the Environment Agency for assessment and written approval, a written report detailing the results of a survey of existing drainage systems on site including confirmation that site drainage discharges into the Plumley interceptor. Where appropriate the report shall contain a plan with dates for the implementation of any remedial measures and any other recommendations made in the report.</p> <p>The operator must implement the proposals in the report as agreed with the Environment Agency’s written approval, subject to such amendments or additions as notified by the Environment Agency.</p>	2 years from date of issue of permit

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC3	<p><u>Wellhead Bunds</u></p> <p>The operator shall submit to the Environment Agency for assessment and written approval, a written report detailing the remedial measures for Category A, B and C bund defects to comply with CIRIA C736 Containment systems for the prevention of pollution detailed in Appendix A (Defect Location & Remediation Drawings) and Appendix B (Inspection Sheets) in the report titled Appendix N (Concrete Repair and Waterproofing Investigation Study – Ref 17862-REP-001) dated September 2020.</p> <p>The report shall include but not be limited to the following:</p> <p>(a) A review of the limitations detailed in section 1.3 in Appendix N and completion of any further works deemed necessary to inform remedial repairs.</p> <p>(b) Inclusion of proposed sequencing works as proposed in section 4.5 in Appendix N including the completion of further investigation works as detailed in point 1 in section 4.5.</p> <p>(c) Inclusion of plan with dates for the implementation of remedial measures for Category A and B bund defects and any additional remedial works identified in a) and above.</p> <p>The operator must implement the proposals in the report as agreed with the Environment Agency’s written approval, subject to such amendments or additions as notified by the Environment Agency.</p>	2 years from date of issue of permit
IC4	<p><u>Wellhead Components</u></p> <p>The operator shall submit a written report to the Environment Agency for confirmation.</p> <p>The report must contain: A written report detailing the results of the previous annual inspection, 5-yearly inspection and one-off inspection of the wellhead components for the 35 storage caverns, for the prevention of pollution detailed in Appendix K (2018 Wellhead Risk-Based Inspection Report) dated March 2020.</p> <p>Where appropriate the report shall contain a plan with dates for the implementation of any remedial measures and any other recommendations made in the report.</p> <p>The operator must implement the proposals in the report as confirmed with the Environment Agency, subject to such amendments or additions as notified by the Environment Agency.</p>	2 years from date of issue of permit

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
None	No source allowed to go to an emission point	None	Zero for all substances	None	None	None

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Interceptor	Uncontaminated site surface water runoff and small sewage treatment plant	Oil and grease	None visible	-	Weekly	-

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to water (other than sewer) Parameters as required by condition 3.5.1	Interceptor	Every 6 months	1 January, 1 July

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

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to water (other than sewer)	Emissions to Water Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
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.

“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.

“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.

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

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

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.

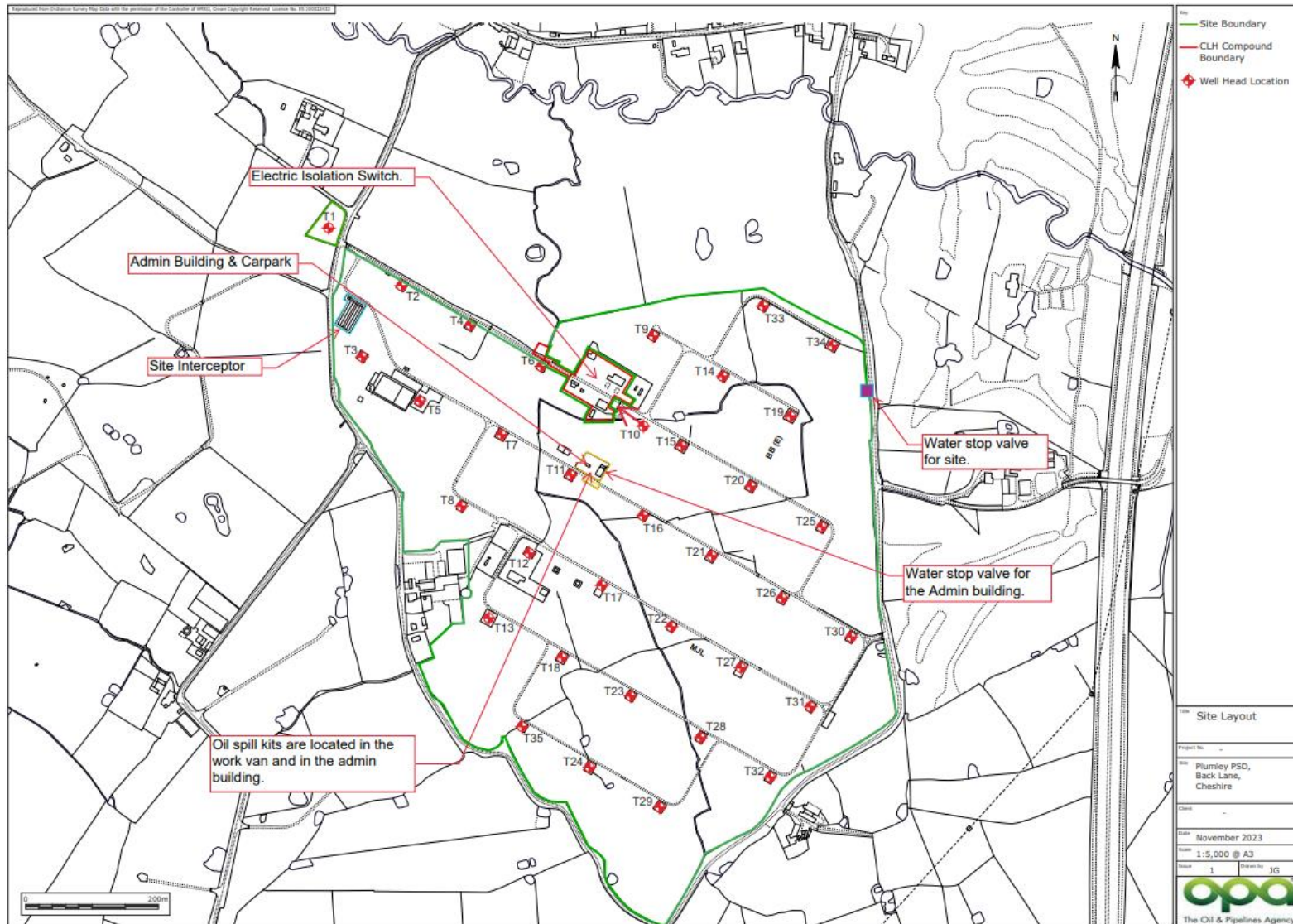
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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.

Schedule 7 – Site plan



END OF PERMIT

Permit number
EPR/CP3643QY

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- ¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- ² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- ³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- ⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

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>
Site borehole	<i>[insert annual usage in m³ where water is used from a site borehole]</i>	<i>[insert annual usage in m³/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m³ where abstracted river water is used]</i>	<i>[insert annual usage in m³/unit where abstracted river 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

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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.