

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Rutpen Limited

Membury Solvent Recovery Plant
Membury Airfield
Lambourn
Berkshire
RG17 7TJ

Variation application number

EPR/TP3637KE/V004

Permit number

EPR/TP3637KE

Membury Solvent Recovery Plant

Permit number EPR/TP3637KE

Introductory note

This introductory note does not form a part of the notice

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

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

This variation authorises the:

- removal of an existing distillation unit and installation of a new distillation unit;
- removal of existing tanks and installation of a new tank farm consisting of 29 tanks;
- installation of secondary containment for the new tank farm and tertiary containment surrounding the site;
- construction of an area for loading and unloading vehicles;
- installation of a roof over the site to serve as a rainwater harvesting system; and
- increase in the height of site main stack (emission point A1) by 3 metres.

The rest of the installation remains the same and is operated as follows:

The installation is a distillation plant for the recovery of industrial organic solvent-based wastes. The solvents to be recovered are received on site in bulk or in containers ranging in capacity from 25 to 1000 litres. After checking the quantity and quality of the wastes, some wastes may be pre-treated by pH adjustment, sedimentation of the solid precipitate and blending.

The supernatant liquor is then distilled in a similar manner to other wastes while the precipitate is disposed off-site as hazardous waste.

The distillation is undertaken in two distillations units (stills) using steam as a source of heat. The distillation unit consists of a steam jacketed vessel and operates by circulating superheated steam in a coiled pipe around the wastes. The wastes boil and the volatile fraction of the solvent is evaporated. The vapour is condensed in a water-cooled condenser while the non-condensable part is released through the main site stack via a scrubber. The distillation residues are collected and bulked prior to be sent for use in cement kilns. The distillation condensate is pumped to storage tanks and sold as cement kilns fuel, lower grade solvent or returned to customer.

The steam used for the distillation process is generated in a 10 MW oil fired boiler and the cooling needs are met by an air-water cooler. Surface water is collected on site and directed down gradient in gullies toward an underground sump. The water collected is then used in the solvent recovery process for steam and cooling needs. The site emissions emanate from the distillation process, the process cooler and the boiler.

Emissions to air from the distillation process are abated by a water scrubber prior to discharge through the site main stack located at the south west corner of the site. A number of static tanks and plants are also connected to the scrubber to control air emissions during static tanks filling and unloading. The site is fully bunded and there are no releases to controlled water or to sewer. All the rain water is collected, stored on site and used in the distillation process for the generation of steam and cooling purposes.

The site is situated in a small light rural industrial area with the M4 motorway to the north and east of the installation boundary. The site is located in an Area of Outstanding Natural Beauty, the North Wessex Down. There are also three Special Areas of Conservation (SAC) located within 10 km from the site, these are the River Lambourn, Hackpen Hill and Kennet and Lambourn Floodplain.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application TP3635SR	Duly made 25/03/2005	
Request to extend determination	27/09/2005	
Response to request for information dated 25/10/2005	Response received 27/10/2005	Environmental risk assessment and method statement for receipt of raw material on site.
Response to request for information dated 08/11/2005	Response received 10/11/2005	Segregation of surface water and release points to air.
Permit determined	12/01/2006	Permit issued to Southern Refining Services Limited.
Variation Notice YP3638UK issued	15/08/2008	
Application EPR/TP3637KE/T001 (full transfer of permit EPR/TP3635SR)	Duly made 27/01/2010	Application to transfer the permit in full to Rutpen Limited.
Transfer determined EPR/TP3637KE	01/02/2010	Permit issued to Rutpen Limited.
Application EPR/TP3637KE/V002 (variation)	Duly made 19/08/2011	
Variation determined EPR/TP3637KE	20/09/2011	
Agency variation determined EPR/TP3637KE/V003	04/03/2014	Environment Agency initiated variation to implement the changes introduced by IED.
Application EPR/TP3637KE/V004 (variation and consolidation)	Duly made 02/07/2019	Application to vary and update the permit to modern conditions.
Additional information received	13/03/2020	Response to Schedule 5 Notice dated 24/02/2020.
Additional information received	16/03/2020	Revised site plan.
Additional information received	07/04/2020	Clarification of maximum storage capacity of wastes prior to treatment by distillation and site annual throughput.
Additional information received	08/04/2020	Updated list of wastes accepted on site for treatment by distillation.
Variation determined EPR/TP3637KE (Billing ref: MP3301PV)	16/04/2020	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/TP3637KE

Issued to

Rutpen Limited (“the operator”)

whose registered office is

Membury Airfield

Lambourn

Berkshire

RG17 7TJ

company registration number 02859903

to operate a regulated facility at

Membury Solvent Recovery Plant

Membury Airfield

Lambourn

Berkshire

RG17 7TJ

to the extent set out in the schedules.

The notice shall take effect from 16/04/2020.

Name	Date
Rebecca Warren	16/04/2020

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/TP3637KE

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/TP3637KE/V004 authorising,

Rutpen Limited (“the operator”),

whose registered office is

Membury Airfield

Lambourn

Berkshire

RG17 7TJ

company registration number 02859903

to operate an installation at

Membury Solvent Recovery Plant

Membury Airfield

Lambourn

Berkshire

RG17 7TJ

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

Name	Date
Rebecca Warren	16/04/2020

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

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

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

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

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

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

2.3 Operating techniques

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

Hazardous waste storage and treatment

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

2.4 Improvement programme

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

3.5 Monitoring

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

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.7 Fire prevention

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

3.7.2 The operator shall:

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

4 Information

4.1 Records

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

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

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

4.2 Reporting

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

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

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

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

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

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report

assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

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

4.3 Notifications

4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

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

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

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and

- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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	S5.3 A(1)(a)(ii)	<p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment</p> <p>D9 – Physico-chemical treatment which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination etc.)</p>	<p>Recovery of oils or solvents by distillation in two stills with a capacity greater than 10 tonnes per day.</p> <p>Waste types as specified in Table S2.2.</p>
AR2	S5.6 A(1)(a)	<p>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3.</p> <p>D15 – Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>From receipt of waste to transfer to treatment by distillation.</p> <p>Waste types as specified in Table S2.3.</p>
Directly Associated Activity			
AR3	Steam production	Production of steam for the distillation of raw material	Receipt and storage of boiler fuel, treatment of boiler feed, release of combustion products, production of steam and return of condensate to boiler.
AR4	Use of raw materials	Receipt, storage and despatch of finished and raw materials	Receipt of material in road tanker IBC or drums, transfer to static storage tanks, bulking of material, pre-treatment of raw material, transfer and despatch of finished products.
AR5	Storage of waste pending recovery or disposal	D15 – Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending	From the receipt of non-hazardous waste to treatment by distillation on site.

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
		collection, on the site where the waste is produced)	Non-hazardous waste types as specified in Table S2.2.
AR6	Waste storage	Storage of process waste	Segregation, storage and disposal of process waste via authorised route.
AR7	Site surface water containment and storage	Containment and storage of site surface water	Containment, collection and segregation from process waste effluent, storage and use of surface water in the process.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/TP3637KE/A001	The response to questions 2.1 and 2.2 given in section Other Information/Process Information pages 1 to 4 of the application and Main Application Section 10 pages 55 to 56.	21/03/2005
Variation application EPR/TP3637KE/V004	The following application documents provided in response to section 3a – technical standards, Part C3 of the application form: Permitted Activities and Directly Associated Activities List and Variation Information; BAT report; Environmental Risk Assessment; Secondary and Tertiary Containment document; Energy efficiency improvements; Additional measures document.	02/07/2019
Response to Schedule 5 Notice dated 24/02/2020	Response to question 2 detailing individual capacity of tanks on site. Response to question 3 detailing secondary containment capacity. Response to question 6 showing updated site drainage.	13/03/2020
Additional information	Clarification of maximum storage capacity of wastes prior to treatment by distillation and site annual throughput.	07/04/2020
Additional information	Updated list of wastes accepted on site for treatment by distillation.	08/04/2020

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	All raw materials, waste or finished products stored outside the site drainage area must be transferred within the site drainage area.	Complete
IC2	A stock management system shall be implemented on site to give an accurate inventory of raw materials, wastes and finished products held on site at all time. The system shall be capable to: <ul style="list-style-type: none"> • track individual solvents split by main chemical (e.g. 90% xylene, 10% benzene) 	Complete

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<ul style="list-style-type: none"> • identify total quantities of chemicals held on site (e.g. 100 tonnes of xylene, 10 tonnes of benzene) • track changes in stock • include all historical stock data • include the solvent content and the chemical description • include the location on site (e.g. storage area A or static tank X) <p>Following implementation of the stock management system, the Agency shall be notified and a summary of the current site total holding shall be provided in writing.</p>	
IC3	<p>The operator shall revise the site environmental risk assessment in accordance with section 2.8 Accident of the EA Sector Guidance Note (S5.06 issue 3).</p> <p>A written report of the risk assessment, including the timescale for implementation of any additional improvement identified as necessary to minimise the environmental risk, shall be submitted to the Agency for approval.</p>	Complete
IC4	The operator shall complete implementation on site of improvements identified in Improvement Condition IC3.	Complete
IC5	<p>Static storage tank as well as material packaged in IBC or drums storage standards shall be reviewed in accordance with EA Sector Guidance Note (S5.06 issue 3) and DEFRA Groundwater Protection Code (Solvent use and Storage) including but not limited to:</p> <ul style="list-style-type: none"> • static tank design and maintenance • tanks bunding • identification of storage area and maximum quantity storable in a specific location <p>The operator shall submit for approval to the Agency a written report highlighting what improvements are required to meet the above mentioned standards or provide a suitable justification for an alternative site specific approach.</p>	Complete
IC6	The operator shall complete implementation on site of improvements identified in Improvement Condition IC5.	Complete
IC7	<p>The operator shall undertake further review of the process control against EA Sector Guidance Note (S5.06 issue 3) including but not limited to Section 2.1.4 Treatment – General Principle.</p> <p>The review must focus on the distillation process but must also include associated activities (e.g. pipe work identification, tank level control, scrubber operation etc.). The operator shall submit for approval to the Agency a written report identifying necessary improvements and propose a timescale for their implementation.</p>	Complete
IC8	The operator shall complete implementation on site of improvements identified in Improvement Condition IC8.	Complete
IC9	<p>The operator shall make improvement to the installation maintenance plan based on the EA Sector Guidance Note (S5.06 issue 3). The maintenance plan must include but not been limited to:</p> <ul style="list-style-type: none"> • key aspects of the process with the greatest potential for environmental impact • priority items of plants for which preventative maintenance is required (e.g. static tanks, pressure release valves etc.) • procedures for a preventive maintenance regime 	Complete

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	The operator shall submit for approval to the Agency the revised maintenance plan.	
IC10	The operator shall establish a list of all redundant plants and equipment no longer suitable or used in the process which could pose a threat to the environment (e.g. a corroded static tank). Redundant equipment shall be: <ul style="list-style-type: none"> • Disconnected completely from the process without delay • Made safe to prevent any release to the environment The operator shall submit for approval to the Agency a report with timescale for the removal of redundant equipment.	Complete
IC11	The operator shall complete the decommissioning of all equipment identified in Improvement Condition IC10.	Complete
IC12	The operator shall review the techniques available for the abatement of the site Volatile Organic Compounds released to air from the process and venting of storage tanks. The operator shall propose in writing methods and timescales for implementation to achieve VOC releases to air below the benchmarks set in the EA Sector Guidance Note (S5.06 issue 3).	Complete
IC13	The operator shall improve the abatement system and/or operation in order to achieve releases of VOCs below the benchmarks set in Section 3.11 Emission Benchmarks of the EA Sector Guidance Note (S5.06). The limits in table 2.2.2 will be changed to the sector standard on the date specified.	Complete
IC14	The operator shall provide a report to: <ul style="list-style-type: none"> • identify and quantify the different sources of process effluent (e.g. still wash, container and tank wash etc.) • identify the method used to monitor these effluents and their route of disposal • identify the methods used to segregate these effluents • highlight the measures in place to prevent mixing of effluent and clean water used in the process 	Complete
IC15	The operator shall review the site Environmental Management System against the EA Sector Guidance Note (S5.06 issue 3) and agree in writing with the Agency a deadline for accreditation of the site Environment Management System to ISO14001 standard or equivalent.	Complete
IC16	The operator shall gain accreditation of the site Environment Management System to ISO14001 or equivalent.	Complete
IC17	The operator shall refine the site the process energy consumption data providing a breakdown by sources as described in section 2.7.1 of the EA Sector Guidance Note (S5.06 issue 3). An energy management plan shall be submitted for approval to the Agency considering all the relevant measures to the process in Sections 2.7.2 and 2.7.3 of the above guidance together with a proposed timescale for their implementation.	Complete
IC18	The operator shall complete implementation on site of energy saving measures identified in Improvement Condition IC17.	Complete
IC19	The operator shall submit a written secondary containment report and shall obtain the Environment Agency's written approval to it. The report shall contain the results of a review conducted, by a qualified engineer, in accordance with the methodology detailed within CIRIA C736 (2014) or equivalent industry standard, of the design, construction and extent of secondary containment for the new tank farm.	31/10/2020 or other date as agreed in writing by the Environment Agency.

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>The review shall consider, but not limited to, the storage tanks, bunds, loading and unloading areas, transfer pipework/pumps, temporary storage areas, and liners underlying the site.</p> <p>If the review concludes that the secondary containment does not meet the standards detailed within C736 (2014), the operator shall submit a plan to address any shortfalls. The plan must contain dates for the implementation of individual improvement measures necessary for the secondary containment to adhere to the standards detailed within CIRIA C736 (2014), or equivalent industry standard.</p> <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>	
IC20	<p>The operator shall provide the design and construction proposals of the proposed site tertiary containment (including the lagoon) to the Environment Agency for review and approval.</p> <p>The construction of the site tertiary containment shall take place only in accordance with the approved construction proposals unless a change has otherwise been agreed in writing by the Environment Agency.</p>	31/10/2020 or other date as agreed in writing by the Environment Agency.
IC21	<p>Following construction, the operator shall ensure that a review of the design, method of construction and integrity of the site tertiary containment (including the lagoon) is carried out by a qualified engineer.</p> <p>The review shall compare the constructed site tertiary containment against the standards set out in CIRIA C736 (2014), or equivalent industry standard.</p> <p>The review shall include:</p> <ul style="list-style-type: none"> • the physical condition of the site tertiary containment (including the lagoon); • the suitability of the site tertiary containment to provide sufficient storage when subjected to the dynamic and static loads; • any work required to ensure compliance with the standards set out in CIRIA C736 (2014) or equivalent industry standard; and • a preventative maintenance and inspection regime <p>A written report of the review shall be submitted to the Environment Agency detailing the review's findings and recommendations.</p> <p>Remedial action shall be taken by the operator to ensure that the site tertiary containment meets the standards set out in the technical guidance documents and the operator shall implement the maintenance and inspection regime.</p>	One month following the completion of commissioning or other date as agreed in writing by the Environment Agency.
IC22	<p>The operator shall provide a written report to the Environment Agency of the Technically Competent Manager (TCM) at the installation. The report shall confirm that the person(s) hold the relevant qualification(s) under the CIWM/WAMITAB scheme or other equivalent for the operation of the installation. The report shall include evidence of appropriate certification(s).</p>	31/10/2020 or other date as agreed in writing by the Environment Agency.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for acceptance and storage prior to treatment by distillation (AR1 and AR5)	
Maximum quantity	Annual throughput shall not exceed 3,000 tonnes
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
04	Wastes from the leather, fur and textile industries
04 02	wastes from the textile industry
04 02 14*	wastes from finishing containing organic solvents
04 02 15	wastes from finishing other than those mentioned in 04 02 14
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 11*	wastes from cleaning of fuels with bases
05 01 12*	oil containing acids
07	Wastes from organic chemical processes
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 04*	other organic solvents, washing liquids and mother liquors
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 04*	other organic solvents, washing liquids and mother liquors
07 05	wastes from the MFSU of pharmaceuticals
07 05 04*	other organic solvents, washing liquids and mother liquors
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

Table S2.2 Permitted waste types and quantities for acceptance and storage prior to treatment by distillation (AR1 and AR5)	
Maximum quantity	Annual throughput shall not exceed 3,000 tonnes
Waste code	Description
07 06 04*	other organic solvents, washing liquids and mother liquors
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 04*	other organic solvents, washing liquids and mother liquors
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 03	wastes from MFSU of printing inks
08 03 12*	waste ink containing dangerous substances
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 14*	ink sludges containing dangerous substances
08 03 17*	waste printing toner containing dangerous substances
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 03*	solvent-based developer solutions
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 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel

Table S2.2 Permitted waste types and quantities for acceptance and storage prior to treatment by distillation (AR1 and AR5)	
Maximum quantity	Annual throughput shall not exceed 3,000 tonnes
Waste code	Description
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
14	Waste organic solvents, refrigerants and propellants (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 05*	organic wastes containing dangerous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 02 11*	other wastes containing dangerous substances
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 13*	solvents
20 01 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27

Table S2.3 Permitted waste types and quantities for storage prior to treatment by distillation (AR2)	
Maximum quantity	Storage of hazardous wastes shall not exceed 200 tonnes at any one time.
Waste code	Description
04	Wastes from the leather, fur and textile industries
04 02	wastes from the textile industry
04 02 14*	wastes from finishing containing organic solvents
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 11*	wastes from cleaning of fuels with bases
05 01 12*	oil containing acids
07	Wastes from organic chemical processes
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 04*	other organic solvents, washing liquids and mother liquors
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 04*	other organic solvents, washing liquids and mother liquors
07 05	wastes from the MFSU of pharmaceuticals
07 05 04*	other organic solvents, washing liquids and mother liquors
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 04*	other organic solvents, washing liquids and mother liquors
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 04*	other organic solvents, washing liquids and mother liquors
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
08 03	wastes from MFSU of printing inks
08 03 12*	waste ink containing dangerous substances
08 03 14*	ink sludges containing dangerous substances
08 03 17*	waste printing toner containing dangerous substances
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances

Table S2.3 Permitted waste types and quantities for storage prior to treatment by distillation (AR2)	
Maximum quantity	Storage of hazardous wastes shall not exceed 200 tonnes at any one time.
Waste code	Description
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 03*	solvent-based developer solutions
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 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
14	Waste organic solvents, refrigerants and propellants (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 05*	organic wastes containing dangerous substances
16 05	gases in pressure containers and discarded chemicals
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances

Table S2.3 Permitted waste types and quantities for storage prior to treatment by distillation (AR2)	
Maximum quantity	Storage of hazardous wastes shall not exceed 200 tonnes at any one time.
Waste code	Description
19 02 11*	other wastes containing dangerous substances
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 13*	solvents
20 01 27*	paint, inks, adhesives and resins containing dangerous substances

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in Schedule 7]	Site main stack	VOC High Impact Compounds	5 mg/m ³	Average over 1 hour sample period	Every 3 months	As per Monitoring stack emissions: environmental permits or other method as agreed in writing with the Environment Agency.
		VOC Medium Impact Compounds	20 mg/m ³ and 100 g/hr	Average over 1 hour sample period	Every 3 months	
		VOC Low Impact Compounds	75 mg/m ³ and 2000 g/hr	Average over 1 hour sample period	Every 3 months	
A2 [Point A2 on site plan in Schedule 7]	Process cooler	No parameter set	No limit set	--	--	--
A3 [Point A3 on site plan in Schedule 7]	Boiler stack	No parameter set	No limit set	--	--	--

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Process scrubber	Scrubber fluid level	Daily (Beginning and end of each normal operational day)	None specified	--
	Functionality of scrubber (e.g. flow rates)	Daily (Beginning of each normal operational day)	None specified	--
	Scrubber fluid changes (date and time)	Every change of scrubber fluid.	None specified	--

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
Emissions to air Parameters as required by condition 3.5.1.	A1 (mg/m ³ and g/hr)	Every 3 months	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Maximum amount of solvent stored on site per main chemical description	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Organic solvent recovered over energy used	Annually	tonnes/MJ
VOC released to air (expressed as TOC) per tonne recovered	Annually	kg VOC/tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	01/01/2006
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	16/04/2020
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	16/04/2020
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/01/2006

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 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.

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

“*High Impact VOC Compounds*” include Chemical Hazard Information and Packaging (CHIP) Regulation category 1 or 2 carcinogens, mutagen or teratogens; or IARC (International Agency for Research on Cancer) Groups 1 and 2 A; or CHIP class ‘very toxic or risk phrase R42. (Reference: The Categorisation of Volatile Organic Compounds – DoE Report DoE/HMIP/RR/95/009).

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

“*Low Impact VOC Compounds*” includes all other VOCs, i.e. not CHIP category 1, 2 or 3 carcinogens, mutagens or teratogens; and not IARC Group 1 or 2A or 2B; and not CHIP class ‘very toxic’ and not CHIP class ‘toxic by inhalation’ with LC50 (inhalation, rat) less than 0.8 mg/l/4h and greater than 0.5 mg/l/4h; and not risk phrase R42; and POCP less than or equal to 85; and ODP less than or equal to 0.2; and GWP less than or equal to 10; or any combination of some of the preceding factors, plus no data for the remainder. (Reference The Categorisation of Volatile Organic Compounds – DoE Report DoE/HMIP/RR/95/009).

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

“*Medium Impact VOC Compounds*” Chemical Hazard Information and Packaging (CHIP) Regulation category 3 carcinogens, mutagen or teratogens; and not IARC group 2B; or CHIP class ‘toxic by inhalation’ and LC50 (inhalation, rat) is less than 0.8 mg/l/4h and greater than 0.5 mg/l/4h; or Photochemical Ozone Creation Potential (POCP) value greater than 85; or Ozone Depletion Potential (ODP) value greater than 0.2; or Global Warming Potential (GWP) value greater than 10. (Reference The Categorisation of Volatile Organic Compounds – DoE Report DoE/HMIP/RR/95/009).

“Pests” means Birds, Vermin and Insects.

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

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

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

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

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

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

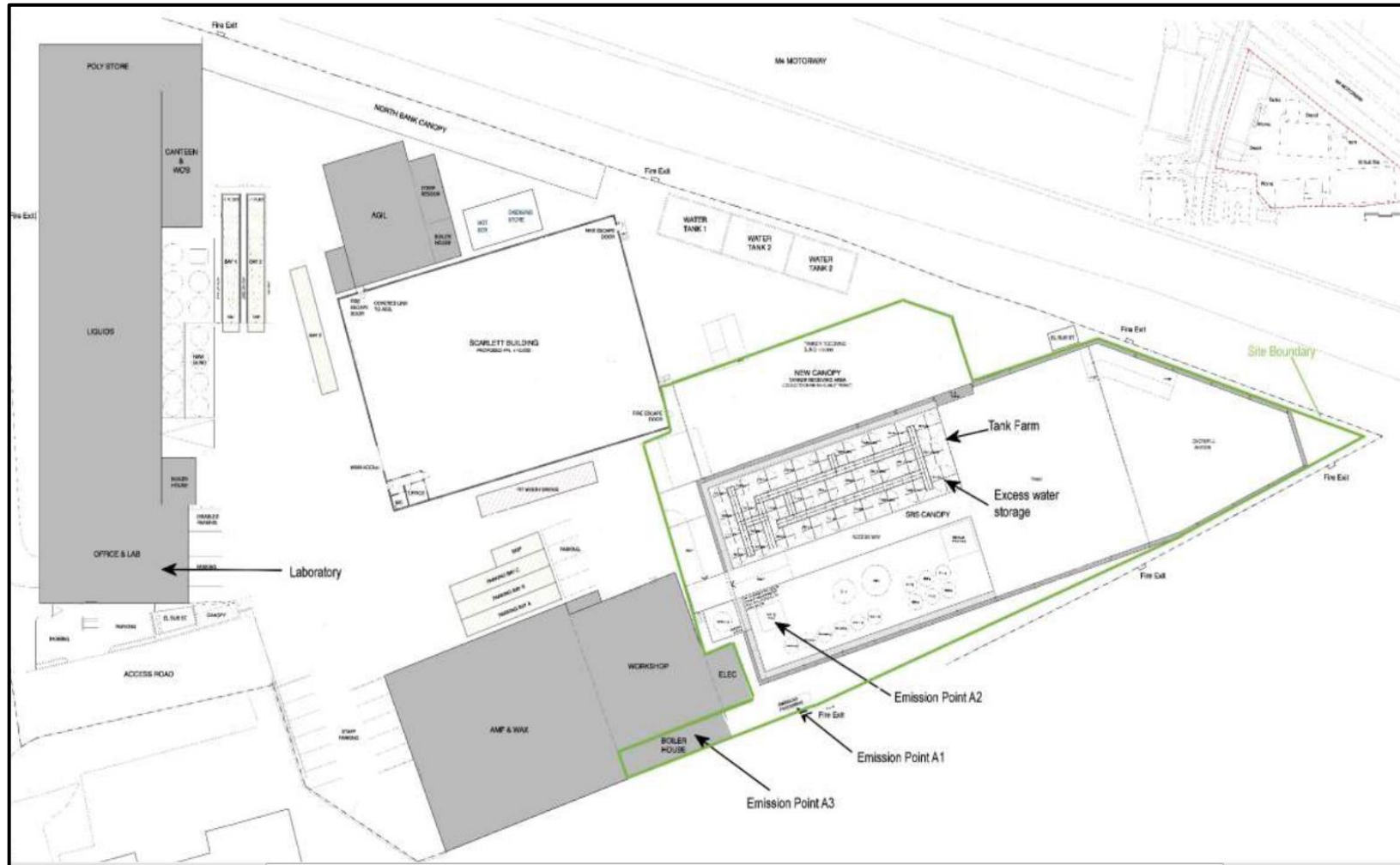
- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous 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.

Schedule 7 – Site plan



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END OF PERMIT

Permit number
EPR/TP3637KE