

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Valgrove Limited

Bilston Waste Oil Reprocessing
Unit 6
Withy Road
Ladymoor Industrial Estate
Bilston
West Midlands
WV14 0RX

Variation application number

EPR/BP3733UB/V003

Permit number

EPR/BP3733UB

Bilston Waste Oil Reprocessing

Permit number EPR/BP3733UB

Introductory note

This introductory note does not form a part of the permit

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 permit variation has been issued to implement guidance “Chemical waste: appropriate measures for permitted facilities”.

Changes introduced by this variation notice/statutory review

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer chemical waste, providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the chemical waste treatment and transfer sector and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

The installation is located at Unit 6, Withy Road, Bilston (NGR SO942953) and covers 1055 m³.

To the north of the site is an earth bund that was created for the construction of the Black Country Spine Road.

To the west of the site there is storage of empty containers and vehicle parking, next to a dry waste transfer station.

To the east of the site is currently occupied (previously used as a vehicle dismantlers). To the south there is another dry waste transfer station, a metal recycling business and a new unit containing a business manufacturing air ventilation ducting.

The site receives oil wastes for treatment via heat separation based on bulk storage and filtration.

Waste oils are received into one of two reception pits which are subsurface. The waste oil is then transferred to treatment tanks for waste oil/water separation. The separated oil is taken to the oil filtration unit where solids are removed. A boiler provides a hot water system which aids the waste oil/water separation.

The current operations are covered by an existing WML for processing waste oils, waste oil filters and storage of other garage wastes. The installation covers waste oil processing including loading and unloading of tankers.

The installation contains Unit 4 bund and Unit 6 hard standing and bunds. All hard standing surfaces fall to drainage channels, Unit 4 to a sump and Unit 6 to a three-phase interceptor before discharge to foul sewer. Foul sewer discharges to the River Tame via Minworth Sewage Treatment Works.

Brief description of the process

The regulated facility comprises:

- treatment of hazardous waste oil, fuels, emulsions and oil contaminated water by phase separation via heat provided by a hot water boiler and filtration for the separated organic fraction;
- repackaging and bulking of hazardous waste;
- temporary storage of hazardous waste;
- raw material storage;

Treatment of waste includes:

- recovery of oils, oil contaminated wastes and oily waters other oily waste by dewatering, phase separation via gravity and heating and filtration.

Other permits relating to this installation:

Operator: Valgrove Limited

Permit number: EAWML 41418

Date of issue: 10/10/1984

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 BP3733UB	Duly made 30/01/2007	
Additional information received	25/06/2007	
Permit determined	17/10/2007	
Agency variation determined EPR/BP3733UB/V002	07/01/2014	Agency variation to implement the changes introduced by IED
Permit review- Regulation 61 Notice sent to Operator	18/11/2011	Regulation 61 Notice requiring information for statutory review of permit.
Permit review – Regulation 61 Notice response	N/A	No response received from the operator.
Permit Review – Application (variation and consolidation) EPR/BP3733UB/V003	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Chemical waste: appropriate measures for permitted facilities published 18 November 2020.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/BP3733UB/V003	30/03/2026	Varied and consolidated permit issued.

End of introductory note

Variation and consolidation
application number
EPR/BP3733UB/V003

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/BP3733UB

Issued to

Valgrove Limited (“the operator”)

whose registered office is

Unit 6

Withy Road

Ladymoor Industrial Estate

Bilston

West Midlands

WV14 0RX

company registration number **01802033**

to operate a regulated facility at

Bilston Waste Oil Reprocessing

Unit 6

Withy Road

Ladymoor Industrial Estate

Bilston

West Midlands

WV14 0RX

to the extent set out in the schedules.

The notice shall take effect from 30/03/2026

Name	Date
Anne Lloyd	30/03/2026

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BP3733UB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BP3733UB/V003 authorising,

Valgrove Limited (“the operator”),

whose registered office is

Unit 6

Withy Road

Ladymoor Industrial Estate

Bilston

West Midlands

WV14 0RX

company registration number 01802033

to operate an installation at

Bilston Waste Oil Reprocessing

Unit 6

Withy Road

Ladymoor Industrial Estate

Bilston

West Midlands

WV14 0RX

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

Name	Date
Anne Lloyd	30/03/2026

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

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

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

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

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

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

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

2.4 Hazardous waste storage and treatment

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

2.5 Improvement programme

- 2.5.1 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.
- 2.5.2 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.
 - (b) process monitoring specified in table S3.3;
 - (c) ambient air monitoring specified in table S3.4;
- 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.

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:
- (c) 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;
 - (d) 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 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:

(c) any change in the operator's name or address; and

(d) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

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

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

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.3 A(1)(a)(ii) – Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Physico-chemical treatment involving oil separation. R9 - Waste oil treatment.	<p>From treatment of waste oil, fuels, emulsions and oil contaminated water by mixing of wastes treated for phase separation via heat filtration for the separated organic fraction in storage and treatment tanks A1 to A14 shown on the plan shown in schedule 7 to storage of treated oil before being removed off-site via road tanker.</p> <p>No more than 650 tonnes per day of hazardous waste shall be treated.</p> <p>The following wastes shall not be mixed:</p> <ul style="list-style-type: none"> • wastes which react with one another • wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery • oils where this could negatively affect their regeneration or recycling • wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content • waste to deliberately dilute it <p>Treatment shall take place in a dedicated area in enclosed plant using abatement on an impermeable surface with sealed drainage.</p> <p>Treated waste oil, fuels, emulsions and contaminated water shall be stored in storage and treatment tanks A1 – A14 prior to transfer off-site or discharge to sewer on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>The amount of hazardous waste stored on site at any one time shall not exceed the maximum tonnage confirmed via IC12.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2.</p>
AR2	Section 5.3 Part A (1)(a)(iv)	Repackaging and bulking of hazardous waste.	From receipt of waste to repackaging of waste.

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
	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging and bulking.	R12 - Exchange of waste for submission to any of the operations numbered R1 to R11 (repackaging). D14 - Repackaging prior to submission to any of the operations numbered D1 to D13.	Repackaging is limited to: Transferring, removing or separating waste from its primary packaging (for example drums and IBCs) into bulk tanks Wastes that are combined together during repackaging activities shall be materially the same and not change the waste's chemical composition or characteristics. Repackaging shall take place in a dedicated area in enclosed plant using abatement on an impermeable surface with sealed drainage. Repackaging of waste shall not change either the maximum storage times for waste on site or the amount that can be stored at any one time. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2.
AR3	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Temporary storage of hazardous waste. R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	From receipt and storage of hazardous waste on site to its treatment or transfer off-site. The amount of hazardous waste stored on site at any one time shall not exceed the maximum tonnage confirmed via IC12. Wastes shall be stored in tanks A1 to A14 as shown at the locations identified on site plan in Schedule 7. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2.
Directly Associated Activity			
AR4	Hot water supply	Gas oil-fired hot water boiler – net thermal input <1 MWth.	Includes receipt of fuel and its storage. No fuel shall be used other than Gas oil.
AR5	Raw material handling and storage.	Raw material handling and storage including gas oil.	From receipt and storage to point of use within the facility.
AR6	Surface and process water collection and storage.	Collection and storage of site surface water and process water from all treatment process.	From the collection of site surface water and process water from all treatment processes to removal off-site for disposal or discharge to sewer.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section 2.1 and 2.2 in the application	30/01/07
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply other than: those parts to which an improvement programme requirement applies in Table S1.3 and only until the date that the improvement has been or must be met, whichever is the earlier	N/A

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 – IC9	See previous permit	Superseded
IC10 Management system	The operator shall review and update their written management system to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	2 months from permit issue 30/05/2026
IC11 Waste pre-acceptance and acceptance and tracking procedures	The operator shall review and update their waste pre-acceptance and/or waste acceptance procedures and/or tracking to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	2 months from permit issue 30/05/2026
IC12 Waste storage, segregation and handling procedures	The operator shall review and update their waste storage, segregation and handling procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. The procedure(s) must include the maximum tonnage of hazardous waste that can be stored on site at any one time. A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	2 months from permit issue 30/05/2026
IC13 Waste treatment procedures	The operator shall review and update their waste treatment procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. The procedure must include: <ul style="list-style-type: none"> justification of how the treatment processes on-site are suitable for treating waste emulsions (i.e. what filtration process is utilised etc.) 	2 months from permit issue 30/05/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<ul style="list-style-type: none"> a list of which treatment tanks are used for separation via heating and which are used for cold gravity separation <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	
IC14 Emissions control procedures	<p>The operator shall review and update their emissions control procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.</p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	2 months from permit issue 30/05/2026
IC15 Process efficiency procedures	<p>The operator shall review and update their process efficiency procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.</p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	2 months from permit issue 30/05/2026
IC16 Updated emissions inventory and H1 risk assessment (air and sewer)	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.1, 6.4 and 7.1 and 7.2 of Chemical waste: appropriate measures for permitted facilities.</p> <p>The emissions inventory must include information about the relevant characteristics of point source emissions to air and sewer.</p> <p>The report must include:</p> <ol style="list-style-type: none"> the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory. a comparison of the monitoring results with the limits listed in Schedule 3, Tables S3.1 and S3.2 for each parameter. the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: <ul style="list-style-type: none"> Air emissions risk assessment for your environmental permit - GOV.UK Surface water pollution risk assessment for your environmental permit' 	3 months from permit issue 30/06/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall:</p> <ol style="list-style-type: none"> a) Review whether there is a need for additional pollutants with emission limits or emissions limits to be lower than the limits listed in Schedule 3, Tables S3.1 and S3.2, in order to prevent exceedance of environmental standards. b) Propose revised/additional emission limits that will prevent exceedance of the environmental standard(s) c) Include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures. <p>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.</p>	
IC17a enclosure, extraction and collection and/or Abatement system	<p>The operator shall submit a plan to the Environment Agency for approval as required by section 6.1 and 6.4 of Chemical waste: appropriate measures for permitted facilities specifically clauses 6.1.1: "You must contain storage tanks, silos and waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release" and 6.4.4: "To reduce emissions to water and sewer, if you need to treat waste water before discharge or disposal, you must use an appropriate combination of treatment techniques" for the enclosure, extraction and collection installation and maintenance and operation of an abatement system for the reduction of VOCs (or other effluent) pollutants from the oil storage/treatment tanks on site.</p> <p>The plan shall detail:</p> <ul style="list-style-type: none"> • the design of the abatement system; • the monitoring measures in place for; <ul style="list-style-type: none"> - optimising and maintaining the operation; - optimising performance of the [carbon filters/bag filters/other abatement for example wet scrubbers]; - identifying optimal regeneration or replacement; • The timescale for implementation. <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>	3 months from permit issue 30/06/2026
IC17b Abatement system	<p>The agreed abatement system(s) approved under IC17a shall be installed and operated in accordance with the Environment Agency's written approval.</p>	3 months from the completion of IC17a

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC18 Monitoring of emissions -abatement equipment	The operator shall submit a written report to the Environment Agency for approval as required by section 6.1.6 and 6.4.4 of Chemical waste: appropriate measures for permitted facilities detailing the monitoring measures in place for optimising and maintaining the operation and performance of the chosen abatement system, including their regeneration or replacement. This shall include details of the monitoring point locations, parameters, equipment, methods and frequency.	3 months from the completion of IC17a
IC19 LDAR	The operator shall submit a written 'leak detection and repair plan', and associated procedures as required by sections: 4.13 'You should use leak detection systems and alarms (for example VOC alarms) and automatic fire suppression equipment based on a recorded risk assessment'. 6.2.6 'You must set up a leak detection and repair programme and use it to promptly identify and mitigate any fugitive emissions from treatment plant and associated infrastructure (for example, pipework, conveyors, tanks)' of Chemical waste: appropriate measures for permitted facilities and shall obtain the Environment Agency's written approval to it. The plan will identify, measure and reduce fugitive emissions of volatile organic compounds and other relevant substances to air, appropriate to their operations and in accordance with European standard EN15446 or an equivalent standard. The plan shall be implemented in accordance with the Environment Agency's written approval.	3 months from permit issue 30/06/2026
IC20a Site surfacing and drainage for external areas	The operator shall submit to the Environment Agency for approval, a written report detailing proposals for providing external areas of the site where waste is stored or handled with impermeable surfacing and a sealed drainage system, in accordance with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities. The proposal must include the specification of the proposed infrastructure, an implementation plan, and timescales for implementation.	3 months from permit issue 30/06/2026
IC20b Site surfacing and drainage for external areas	The operator shall submit a written report to the Environment Agency for approval which demonstrates that impermeable surfacing and a sealed drainage system is in place for external areas of the site where waste is stored or handled. The report must demonstrate that the measures in place comply with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities.	12 months from permit issue 30/03/2027
IC21 Site Drainage	The operator shall review and resubmit their site drainage plan to the Environment Agency for approval. The plan shall demonstrate that adequate segregation of clean and dirty water control measures, impermeable surfacing and a sealed drainage system are in place for external areas of the site where waste is stored or handled in accordance with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities.	3 months from permit issue 30/06/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC22 Bund and tank integrity in accordance with CIRIA 736	<p>The Operator shall undertake a survey carried out by a competent person (qualified civil engineer, structural engineer, or integrity assessor) of the primary, secondary and tertiary containment at the site and review measures against the relevant standards listed in Sections 4 and 6.5 of Chemical Waste: appropriate measures for permitted facilities, Nov 2020, including relevant CIRIA, HSE and EEMUA guidance.</p> <p>The operator shall submit a written report to the Environment Agency for approval which outlines the results of the survey in line with the requirements in Chemical Waste: appropriate measures for permitted facilities, Nov 2020 and provide details of:</p> <ol style="list-style-type: none"> a) current containment measures; b) physical condition of the storage vessels; c) any deficiencies identified in comparison to relevant standards; d) improvements proposed; e) time scales for implementation of improvements; and f) a preventative maintenance and inspection regime. <p>The operator shall implement the improvements to the approved timescales.</p>	12 months from permit issue 30/03/2027
IC23 Site Condition Report	<p>The operator shall undertake a review of the Site Condition Report (as provided in Table S1.2) to ensure Article 22 of the Industrial Emissions Directive is complied with. The review shall include at least the following:</p> <ul style="list-style-type: none"> • consideration of waste storage and treatment areas including storage vessels, bunds, loading and unloading areas and other potential sources of contamination as shown in the site location plan • reference to any historical spillages, the chemicals involved and locations, baseline soil sample results and groundwater data 	6 months from permit issue 30/09/2026
IC24 Vapour recovery	<p>The operator shall submit a written plan for vapour capture and recovery from loading and unloading activities in accordance with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities. and shall obtain the Environment Agency's written approval to it.</p> <p>The plan must detail the installation of a vapour capture / recovery system during the loading and unloading of road vehicles. The plan must contain dates for the implementation of the identified improvement measures.</p> <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>	6 months from permit issue 30/09/2026
IC25 Waste repackaging	<p>The operator shall review and update their emissions management measures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met:</p> <ol style="list-style-type: none"> a) For activity AR2 the operator shall demonstrate compliance with section 4, measure 86 - 	6 months from permit issue 30/09/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>Repackaging or mixing must only take place in a dedicated area or store which has the plant and equipment needed to deal with the specific risks of that process. For example, this could include abatement or local exhaust ventilation.</p> <p>A written report shall be submitted to the Environment Agency for approval detailing the proposed measures, an implementation plan, and timescales for implementation.</p> <p>The operator shall implement the improvements to the approved timescales.</p>	
IC26 Discharge to groundwater	<p>The operator shall submit a report to the Environment Agency for assessment and written approval, in accordance with section 6.5 of Chemical waste: appropriate measures for permitted facilities.</p> <p>You must use appropriate measures to control potential fugitive emissions and make sure that they do not cause pollution. See the guidance on emissions to water and leaks from containers.</p> <p>You must use suitable drainage infrastructure to collect surface drainage from areas of the facility where you store, handle and treat waste. You must also collect wash waters and occasional spillages. Depending on the pollutant content, you must either recirculate what you have collected or send it for further treatment.</p> <p>The report shall review and assess the options available for preventing the discharge of potentially contaminated water to groundwater via soakaway.</p> <p>The report shall include an assessment of the following water management options and timescales for implementation of proposals</p> <ul style="list-style-type: none"> • Segregation of process water, contaminated run off and uncontaminated run off • re-use of water on-site with or without Treatment • Discharge to foul sewer; with or without Treatment • Discharge to surface water with or without Treatment <p>The proposals shall be implemented in accordance with the Environment Agency's written approval.</p>	6 months from permit issue 30/09/2026
IC27 Cold oil treatment emissions	<p>The Operator shall submit a written report to the Environment Agency for approval to demonstrate the viability of monitoring emissions to air to the standards required by condition 3.5.1, Table S3.1 from process treatment tanks that undertake gravity separation.</p> <p>The report shall:</p> <ol style="list-style-type: none"> a. Review techniques and provide emission point references for representative monitoring of Total Volatile Organic Compounds (TVOCs) discharged from emission points/vents on cold gravity separation treatment Tanks found in table S3.1 in accordance 	3 months from permit issue 30/06/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>with MCERTs accredited standards in line with requirements Environment Agency guidance 'Monitoring emissions to air, land and water (MCERTS)' <u>Monitoring emissions to air, land and water (MCERTS) - GOV.UK</u></p> <p>b. Include an assessment of the emission parameters including, but not limited to, an assessment of flow (e.g. m³/s), load (e.g. kg/hr) and concentration (e.g. mg/m³) for each pollutant released from the listed emission points, during all stages of the treatment process where emissions may be expected including tank filling.</p> <p>c. Conclude via evidence and justification if emission parameters (e.g. flow) during all stages of the treatment process where emissions may be expected are sufficient to undertake MCERTS monitoring of emissions to the standards required in Table S3.1.</p> <p>d. Review measures to improve the monitoring points in the event it is concluded there is sufficient emissions/flow to monitor the emission during all or specific stage of the treatment process, but the monitoring/emission point does not meet the required specification for monitoring to take place.</p> <p>e. Outline timescales for improving monitoring points if required and the commencement of monitoring.</p> <p>The Operator shall carry out the monitoring subject to the completion of this Improvement Condition as agreed within the Environment Agency.</p>	
IC28 Updated site plan	The operator shall submit a revised site (layout) plan to the Environment Agency for agreement. The plan must contain all point source emission points to air and sewer.	3 months from permit issue 30/06/2026

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Gas oil	Less than 0.1% sulphur content.

Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 650 tonnes per day.
Exclusions	Wastes having any of the following characteristics shall not be accepted: wastes with the following hazardous properties – HP1: Explosive; HP2: Oxidising; HP8: Corrosive; HP12; Release of an acute toxic gas; wastes that contain Persistent Organic Pollutants
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
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 06*	oily sludges from maintenance operations of the plant or equipment
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

Table S2.2 Permitted waste types and quantities for waste oil treatment by (AR1), repackaging (AR2) and storage (AR3) of hazardous waste	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 650 tonnes per day.
Exclusions	Wastes having any of the following characteristics shall not be accepted: wastes with the following hazardous properties – HP1: Explosive; HP2: Oxidising; HP8: Corrosive; HP12; Release of an acute toxic gas; wastes that contain Persistent Organic Pollutants
Waste code	Description
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 05*	non-chlorinated emulsions
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 13*	other hydraulic oils
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 05	oil/water separator contents
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 02*	other emulsions
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST

Table S2.2 Permitted waste types and quantities for waste oil treatment by (AR1), repackaging (AR2) and storage (AR3) of hazardous waste	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 650 tonnes per day.
Exclusions	Wastes having any of the following characteristics shall not be accepted: wastes with the following hazardous properties – HP1: Explosive; HP2: Oxidising; HP8: Corrosive; HP12; Release of an acute toxic gas; wastes that contain Persistent Organic Pollutants
Waste code	Description
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
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
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 26*	oil and fat other than those mentioned in 20 01 25

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. unit)	Reference Period (Note 2)	Monitoring frequency (Note 6)	Monitoring standard or method
A1 – A14 Emission control system exhaust (oil treatment plant) as shown on the plan in Schedule 7 – mixture of heated treatment tanks and cold gravity separation tanks - final descriptions to be determined following completion of IC13	Treatment tank vent via abatement system determined following completion of IC17a	Total Volatile Organic Compounds (TVOCs)	30 mg/m ³ (Note 3)	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months	EN 12619
		Speciated Volatile Organic Compounds (Note 4)	No limit set	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months	PD CEN/TS 13649
		Specific (organic) substances from risk assessment	Limit contrived from improvement condition IC16	Average value of 3 consecutive measurements of at least 30 minutes each	Monthly (Note 5)	PD CEN/TS 13649
Vent from boiler chimney	Boiler plant exhaust <1 MWh	No parameter set	No limit set	-	-	-
Repackaging hazardous waste oil Emission point from repackaging area, location to be determined following completion of IC18	Emission point from repackaging area, via abatement system determined following completion of IC17a.	No parameter set	No limit set	-	-	As specified in Table S3.3
<p>Note 1: In addition the operator shall also monitor for relevant waste gas parameters as required: flow, temperature, average concentration/load values of relevant substances (e.g. organic compounds, POPs such as PCBs) flammability, lower and upper explosive limits, reactivity and other substances which may affect gas treatment or plant safety (e.g. oxygen, nitrogen, water vapour, dust).</p> <p>Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.</p> <p>Note 3: This limit does not apply if there are no carcinogenic, mutagenic or toxic for reproduction (CMR) substances present in the emission and the emission load is below 2 kg/h at the emission point.</p> <p>Note 4: All speciated VOCs and their concentrations shall be reported.</p>						

Note 5: The monitoring frequency may be relaxed to 'Every 6 months' as agreed in writing with Environment Agency following completion of IC16.

Note 6: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. unit) (Note 4)	Reference period (Note 1)	Monitoring frequency (Note 3)	Monitoring standard or method
S1 - Emissions point to be agreed under IC28 – emission to Severn Trent Water Minworth Sewage Treatment Works	Discharge of contaminated surface water and aqueous effluent to sewer from oil treatment process - oil/water separation using heat and filtration Activity AR1	Flow	No limit Or as agreed under IC16	24 hour total	Continuous	MCERTS self-monitoring of flow scheme
		Total Arsenic (expressed as As) (Note 2)	0.05 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Cadmium (expressed as Cd) (Note 2)	0.05 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Chromium (expressed as Cr) (expressed as Cr) (Note 2)	0.15 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Copper (expressed as Cu) (Note 2)	0.5 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Lead (expressed as Pb) (Note 2)	0.1 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Mercury (expressed as Hg) (Note 2)	5 µg/l	Note 1	Monthly (Note 5)	BS EN 12846 BS EN ISO 17852

		Total Nickel (expressed as Ni) (Note 2)	0.5 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Zinc (expressed as Zn) (Note 2)	1 mg/l	Note 1	Monthly (Note 5)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		PFOA (Note 2)	No limit set	Note 1	Every 6 months	BS ISO 25101 Inhouse method accredited by UKAS
		PFOS (Note 2)	No limit set Or as agreed under IC16	Note 1	Every 6 months	BS ISO 25101 Inhouse method accredited by UKAS
		HOI (Note 5)	10 mg/l (Note 5)	Note 1	Monthly (Note 5)	EN ISO 9377-2

Note 1: Relevant reference period:

- In the case of continuous discharge, daily average values, i.e. 24-hour flow-proportional composite samples.
- In the case of batch discharge, average values over the release duration taken as flow-proportional composite samples, or, provided that the effluent is appropriately mixed and homogeneous, a spot sample taken before discharge.

Note 2: This substance is only required to be monitored where present in the wastewater emissions inventory.

Note 3: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable, or in the case of a batch discharge less than the minimum monitoring frequency where monitoring is carried out once per batch.

Note 4: The BAT-AEL may not apply if the downstream wastewater treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the wastewater treatment plant abates the pollutant concerned

Note 5: in the case of an indirect discharge to a receiving water body, the monitoring frequency may be reduced if the downstream wastewater treatment plant abates the pollutants concerned.

Table S3.3 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other Specifications
Carbon filters (or other abatement as agreed in writing with the Environment Agency) on emission points from	Efficiency assessment	As specified in the agreed abatement plan	Carbon filter(s) (and/or other abatement) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations and	-

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other Specifications
Tanks A1 - 14 from treatment plant			with the agreed abatement plan outlined in IC17a.	
Carbon filters (or other abatement as agreed in writing with the Environment Agency) from emission point serving repackaging area	Efficiency assessment	As specified in the agreed abatement plan	Carbon [and dust] filter(s) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations and with the agreed abatement plan outlined in IC17a.	-
Fugitive emissions from all sources identified in the Leak Detection and Repair (LDAR) programme	VOCs	Annually or otherwise agreed in accordance with the LDAR programme	sniffing method (BS EN 15446) or optical gas imaging	Diffuse emissions from all sources identified in the Leak Detection and Repair (LDAR) programme

Table S3.4 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Locations to be determined following completion of IC19	VOCs	Annually	As Other specifications BS EN15446 for sniffing method	One or a combination of: i) measurement using sniffing methods - optical gas imaging, solar occultation flux or differential absorption ii) calculation of emissions based on emission factors (validated every 2 years) by measurement iii) mass balance using solvent input, point source emissions to air and water, solvent in process output and process residues

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	First period begins
Emissions to air Parameters as required by condition 3.5.1.	A1 – A14	Every 6 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Annually	1 January
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January

Parameter	Units
Hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Recovery	tonnes
End of waste produced	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	cubic metres
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Emissions to air	Emissions to Air Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Emissions to sewer	Emissions to Sewer Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Ambient air	Ambient Air Monitoring Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Process monitoring	Process Monitoring Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Water Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Energy usage	Energy Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Other performance indicators	Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	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.

“building” is a covered structure enclosed on all vertical sides that provides sheltered cover and contains emissions of, for example, noise, particulate matter, odour and litter.

“CMR” means substances that are carcinogenic, mutagenic or toxic for reproduction in accordance with UK REACH, that is substances with classifications category 1A H340, H350, H360, category 1B H340, H350, H360, category 2 H341, H351, H361.

“compliance date” means 01/01/2025 for existing MCPs with net rated thermal input of greater than 5 MWth or 01/01/2030 for existing MCPs with a net rated thermal input of less than or equal to 5MWth.

“container” is a receptacle for waste for example bags, bins, boxes, drums, IBCs and blister packs. Wastes may be packaged in more than one receptacle for example a bag in a box.

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

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

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

“emissions to land” includes emissions to groundwater.

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

“fugitive emission” means an emission to air, water or land from the activities which is not controlled by an emission limit.

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

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

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

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

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“Leak detection and repair (LDAR) programme” means a structured approach to reduce fugitive emissions of organic compounds by detection and subsequent repair or replacement of leaking components. Currently,

sniffing (described by EN 15446) and optical gas imaging methods are available for the identification of leaks under BAT 14 and section 6.2 of the Waste Treatment BAT Conclusions, Aug 2018.

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

“pests” means birds, vermin and insects.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

“POPs” means persistent organic pollutants, which are the substances listed in Annexes I and II of the retained Regulation (EU) 2019/1021 as amended by The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020/1358 and The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2022/1293.

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

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

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

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

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

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

“volatile organic compound” (VOC) means any organic compound as well as the fraction of creosote, having at 293.15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use.

“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 oils” means any mineral or synthetic lubrication or industrial oils which have become unfit for the use for which they were originally intended, such as used combustion engine oils and gearbox oils, lubricating oils, oils for turbines and hydraulic oils.

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

“year” means calendar year ending 31 December.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels

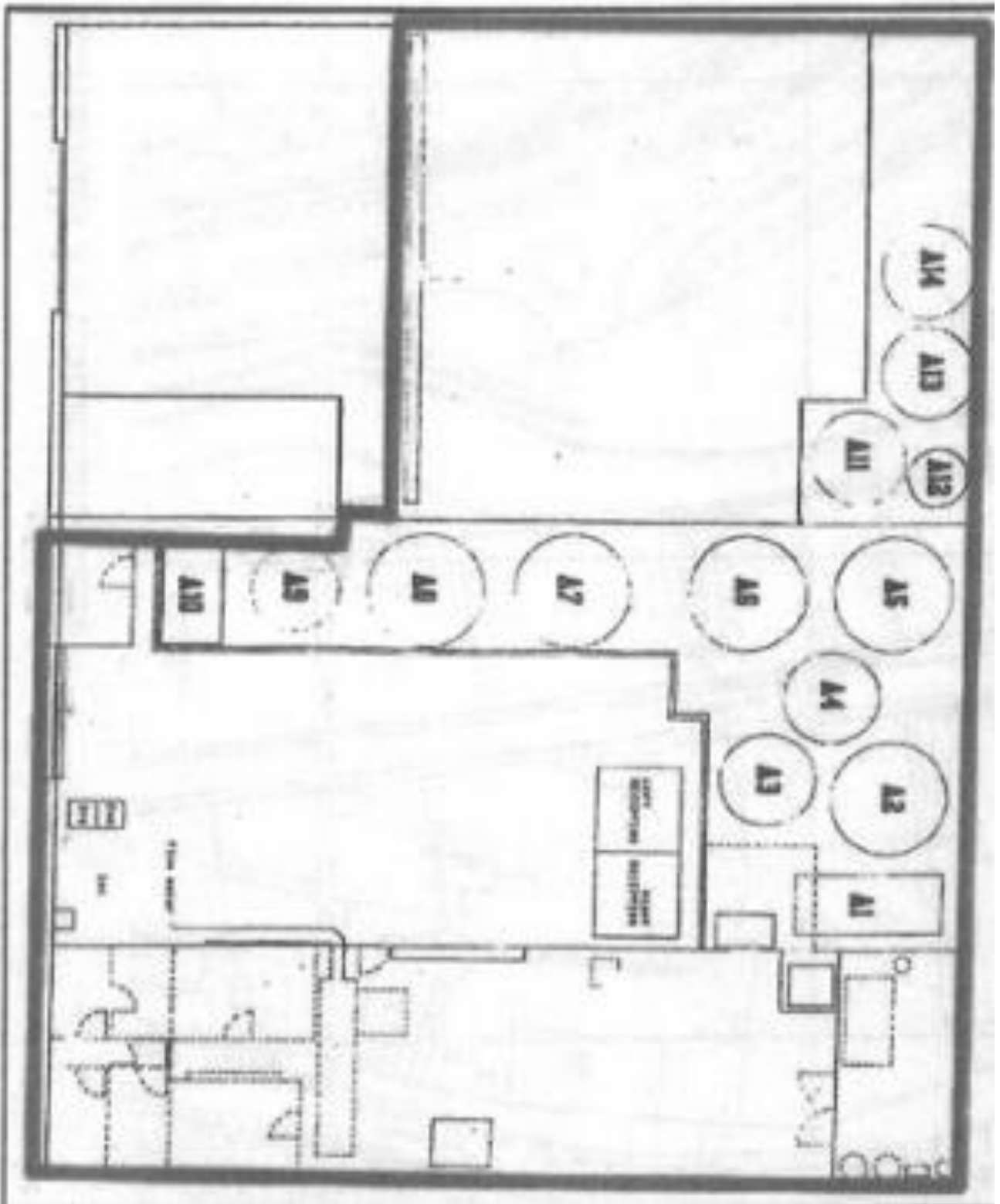
Schedule 7 – Site plan

Figure 1: Site location and permit boundary



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Figure 2: Site Layout Plan including emission points



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END OF PERMIT