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Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Slicker Recycling Limited

Newport Oil Treatment Plant

7 New Quay Road

Felnex Industrial Estate

Newport

NP19 4PL

Permit number

EPR/ZP3334AQ

Newport Oil Treatment Plant

Permit number EPR/ZP3334AQ

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The installation treats waste oil and oily waters imported onto site to a standard that allows the oil to be recovered. The company uses commercial tankers to accept small consignments of waste oil from various commercial, marine and industrial customers. These are bulked up into heated process tanks where some oil/water separation takes place using both physical and chemical processes. Treatment of waste oil extends to dewatering only, using demulsification chemicals and heating to allow for separation of water through evaporation. The separated water phase is discharged to foul sewer and the oil phase is transferred to tanker and transported offsite currently for use as a chemical reductant in the steel industry.

It should be noted that the company also accepts and stores other wastes under a separate waste activity Environmental Permit.

The installation is located in an area of moderate environmental sensitivity. The underlying geology is classed as a minor aquifer. There are no recorded groundwater abstractions within a 2km radius. In addition, there are no surface water abstractions within 1km of the site and no sensitive surface water abstractions within 2km of the site.

However, the River Usk (a protected Site of Special Scientific Interest/SAC) is located 70m west of the site. The site discharges surface water via an interceptor and into the river. Process effluent is transferred to separate tanks where it is treated and pH adjusted before being sent to foul sewer under a Trade Effluent Discharge Consent from Welsh Water, for further treatment off-site at Nash Wastewater Treatment works.

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

Status log of the permit		
Description	Date	Comments
Application EPR/UP3336LT/A001	Duly Made 19/02/07	
Additional information received	21/06/07	
Additional information received	04/09/07	
Permit determined EPR/UP3336LT	29/10/07	
Variation issued EPR/UP3336LT/V002 (QP3335XE)	02/09/09	

Application EPR/UP3336LT/V003	Duly Made 01/03/13	Application to vary to include a hazardous waste treatment facility
Variation issued EPR/UP3336LT/V003	24/05/13	Varied permit issued to Eco-Oil Limited
Transfer Application EPR/ZP3334AQ/T001	Duly Made 09/04/15	Application to transfer the permit in full to Hydrodec (UK) Limited
Transfer Application determined EPR/ZP3334AQ/T001	28/07/15	Permit EPR/ZP3334AQ issued to Hydrodec (UK) Limited with an effective date of 28/07/15
Application received EPR/ZP3334AQ/V002	Duly Made 22/11/17	Admin variation to change registered office address
Variation issued EPR/ZP3334AQ/V002	29/11/17	Company number amended and name also updated
Regulation 61(1) Notice sent to the Operator	05/04/19	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for Waste Treatment
Regulation 61(1) Notice response	30/09/19	Response received from the operator
Additional information received	04/06/20	Additional information provided to Section 1-2 of Reg 61(1) Notice
Additional information received	29/07/20	Additional information provided to Section 1-2 of Reg 61(1) Notice Updated site layout plan
NRW initiated variation determined EPR/ZP3334AQ/V003	09/08/21	Varied and consolidated permit issued in modern condition format

Other permits relating to this installation

Operator	Permit Number	Date of Issue
Slicker Recycling Ltd	EPR/MB3290HT	03/12/1985

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/ZP3334AQ

This is the consolidated permit referred to in the variation and consolidation notice **EPR/ZP3334AQ/V003** authorising,

Slicker Recycling Limited (“the operator”),

whose registered office is

**Lombard House
Worcester Road
Stourport-on-Severn
Worcestershire
DY13 9BZ**

company registration number **08652156**

to operate an installation and waste operation at

**Newport Oil Treatment Plant
7 New Quay Road
Felnex Industrial Estate
Newport
NP19 4PL**

Name

Date

Holly Noble	09/08/2021
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Authorised on behalf of Natural Resources Wales

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 For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4), 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 For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4), 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 For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4), 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 (a) For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4), 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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in Schedule 2 Table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 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.

- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Technical requirements

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 Natural Resources Wales.
- 2.5.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

2.6 Pre-operational conditions

- 2.6.1 The activities shall not be brought into operation until the measures specified in Schedule 1 Table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in Schedule 3 Tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in Schedule 3 shall not be exceeded.
- 3.1.3 Where a substance is specified in Schedule 3 Tables S3.1, S3.2 or S3.3 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.
- 3.1.4 Total annual emissions from the emission point(s) set out in Schedule 3, Tables S3.1, S3.2 and S3.3 of a substance listed in Schedule 3 Table S3.4 shall not exceed the relevant limit in Table S3.4.

- 3.1.5 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in Schedule 3 to this permit:
 - (a) point source emissions specified in Tables S3.1, S3.2 and S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 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, S3.2 and S3.3 unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

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

4.2.2 For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4), a report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Natural Resources Wales 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 For the following activities referenced in Schedule 1, Table S1.1 (A1, A2, A3, A4):

- (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
 - (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 For the following activities referenced in Schedule 1, Table S1.1 (A5), Natural Resources Wales shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental effects.

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

- 4.3.5 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

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

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

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

- 4.3.6 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) Natural Resources Wales 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.

- 4.3.7 Natural Resources Wales 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
A1	Section 5.3 Part A(1)(a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities: (iii) blending or mixing prior to submission to any of the other activities listed in this Section or in Section 5.1	Storage, blending and dewatering of waste oil; despatch for further treatment, including recovery activities R1, R3, R9 and R13 and disposal activities D1, D6, D9 and D15	From receipt of waste types and permitted quantities as specified in Table 2.2 and treatment to despatch of waste oil, including storage in the areas identified in Schedule 7 of the permit
A2	Section 5.4 Part A(1)(a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC concerning urban waste-water treatment: (ii) physico-chemical treatment	D9: Physico-chemical treatment of non hazardous waste which results in final compounds or mixtures which are discarded by means of any operations numbered D1 to D12	pH balancing of process effluent
Directly Associated Activity			
A3	Combustion of gas oil to produce steam	1.755MWth boiler, rated at 2,800kg/hr of steam production	To include storage of fuel oil
A4	Size reduction (drums, containers)	Crushing and shredding plastic and metal containers	The shredding of empty metal and plastic containers and the crushing of empty metal containers Containers that originally contained hazardous materials shall be emptied and washed to remove any residue
Description of activities for waste operations		Limits of activities	
A5	Reception, storage and treatment of oily rags and textiles for recovery. R13 Recycling / reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) R3 Recycling / reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	All treatment (washing) of waste shall be on an impermeable surface with sealed drainage. Waste types as per Table S2.3 permitted waste types and quantities.	

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to section 2.1 and 2.2 in the Application	15/02/2007
Document 'Minor Technical Variation E13371.100.R.1.2.1.KW.TC' received as part of variation application EPR/UP3336LT/V003	All	13/02/2013
IC1, IC2, IC3, IC4, IC5, IC7, IC8 & IC9	All responses received to IC1, IC2, IC3, IC4, IC5, IC7, IC8 & IC9 (signed-off by NRW within CAR RDR/090724/UP3336LT dated 24/07/2009)	29/10/2008
IC6	Response received to IC6 (signed-off by NRW within CAR RDR/080107/UP3336LT dated 07/01/2008)	04/12/2007
Response to regulation 61(1) Notice – request for information dated 05/04/2019 detailing how the Operator will comply with the BAT conclusions for Waste Treatment, under Directive 2010/75/EU of the European Parliament and of the Council	Response to Regulation 61 Notice for Waste Treatment	30/09/2019
Additional Information to regulation 61(1) Notice – request for information dated 21/05/2020	Additional information received. Clarifications provided to sections 1, 2 and 3 of Reg 61 Notice	04/06/2020
Additional Information to regulation 61(1) Notice – request for information dated 21/05/2020	Additional information received. Clarifications provided to sections 1, 2 and 3 of Reg 61 Notice & Updated site boundary plan	29/07/2020

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	<p>The Operator shall ensure that a review of the design, method of construction and integrity of all bunds surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds against the standards set out in Section 2.2.5 of the Sector Guidance Note SGN5.06.06. CIRIA Report 163 on the construction of Bunds for Oil Storage Tanks with a tank capacity of <25m3 (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of >25m3 (ISBN: 0 86017 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> • the physical condition of the bunds, • their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, • any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and • suggested preventive maintenance & inspection regime. <p>A written report of the review shall be submitted to the Environment Agency detailing the reviews findings and recommendations.</p> <p>Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	Complete
IC2	<p>The Operator shall conduct a survey of all emissions to air, including fugitive releases, to ensure that all emissions have been identified and characterised, in terms of emission parameters and quantified releases, having regard to Environment Agency Sector Guidance Note IPPC SGN5.06, Section 2.10. Releases shall be characterised by monitoring, where appropriate, and monitoring methods shall be agreed in advance with the Agency. A written report shall be submitted to the Agency for approval which takes account of all previously uncharacterised release points and identifies appropriate improvements with a timetable for their implementation.</p>	Complete
IC3	<p>The Operator shall submit a revised environmental impact assessment which evaluates the potential for impact arising from the release of Class A VOCs, Class B VOCs, ammonia and hydrogen sulphide from the installation, using the Agency's H1 tool (or other equivalent assessment tool used with the written agreement of the Agency), using the results of the monitoring programme required by Improvement Condition IC2 above. An electronic copy of the H1 assessment (or other equivalent assessment tool used with the written agreement of the Agency) shall be submitted to the Agency.</p>	Complete
IC4	<p>The Operator shall develop a written site closure plan, having regard to the Environment Agency Sector Guidance Note IPPC SGN5.06 Section 2.11. Upon completion of the plan a summary of the document shall be submitted to the Agency in writing.</p>	Complete
IC5	<p>The Operator shall review the environmental management system, having regard to Environment Agency Sector Guidance Note SGN5.06 Section 2.3. a written summary of the review, including proposals for improvements, together with a timescale for implementation, shall be submitted to the Agency for approval.</p>	Complete
IC6	<p>The Operator shall review the Accident Management Plan, having regard to the Environment Agency Sector Guidance Note SGN5.06 Section 2.8. upon completion of the review a summary of the document shall be submitted to the Agency in writing.</p>	Complete

IC7	<p>The Operator shall ensure that a review of the integrity of all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of the Sector Guidance Note SGN5.06 be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a timescale for implementing them. 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 to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	Complete
IC8	<p>The Operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater. The review shall include:</p> <ul style="list-style-type: none"> • consideration of the principles set out in PPG 18 – Managing Fire-Water and major spillages • identification of any improvements necessary in order to minimise the risk of a pollution caused by firewater. <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Environment Agency for approval. The Agency approval shall include timescales for the Operator to implement the improvements.</p>	Complete
IC9	<p>The Operator shall assess the options for capture and abatement of emissions from oil storage tank vents and manways, having regard to Environment Agency Sector Guidance Note SGN5.06 Section 2.2.1. A written report shall be submitted to the Agency for approval which sets out the proposals and justifications, together with a timetable for their implementation.</p>	Complete
IC10	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> • BAT 1 - Implement and adhere to an environmental management system (EMS) that incorporates all of the following features: <ul style="list-style-type: none"> ○ (III) planning and establishing the necessary procedures, objectives and targets, in conjunction with financial planning and investment; ○ (XI) An inventory of waste water and waste gas streams; ○ (XII) Residues Management Plan; ○ (XIII) Accident Management Plan. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC11	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> • BAT 3 - In order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of waste water and waste gas streams, as part of the environmental management system (see BAT 1), that incorporates all of the following features: <ul style="list-style-type: none"> ○ information about the characteristics of the waste to be treated and the waste treatment processes; ○ information about the characteristics of the waste water streams (including analysis of PFOS and PFOA); and ○ information about the characteristics of the waste gas streams. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales

IC12	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 6 - For relevant emissions to water as identified by the inventory of waste water streams (see BAT 3), BAT is to monitor key process parameters at key locations. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC13	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 7 BAT is to monitor emissions to water with at least the frequency given within BAT 7 Table, and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC14	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 8 – BAT is to monitor channelled emissions to air with at least the frequency given below, and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC15	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 14 In order to prevent or, where that is not practicable, to reduce diffuse emissions to air, in particular of dust, organic compounds and odour, BAT is to use an appropriate combination of the techniques described within BAT 14 Table. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC16	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 19 In order to optimise water consumption, to reduce the volume of waste water generated and to prevent or, where that is not practicable, to reduce emissions to soil and water, BAT is to use an appropriate combination of the techniques described within BAT 19 Table. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC17	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 20 In order to reduce emissions to water, BAT is to treat waste water using an appropriate combination of the techniques described within BAT 20 Table. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales

IC18	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 23 Energy efficiency Plan and Energy Balance Record. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC19	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 24 Maximise the reuse of packaging as part of a Residues Management Plan. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales
IC20	<p>The operator shall submit to Natural Resources Wales for written approval, information to evidence compliance with the following BAT Conclusions, in accordance with requirements specified within the Waste Treatment BREF Document (EU 2018).</p> <ul style="list-style-type: none"> BAT 44 In order to reduce emissions of organic compounds to air, BAT is to apply BAT 14d and to use one or a combination of the techniques described within BAT44 Table and Section 6.1. 	17 February 2022 or otherwise agreed in writing with Natural Resources Wales

Table S1.4 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1	Acceptance of waste oils from 'higher risk sources' or from third parties	Prior to acceptance of such wastes, the Operator shall implement waste pre-acceptance and acceptance procedures that fully satisfy the requirements of sections 2.1.1 and 2.1.2 of the Agency's Sector Guidance Note S5.06, December 2004.
2	Acceptance of petrol (EWC Code 13 07 02*)	Prior to acceptance of such wastes, the operator shall review and revise storage arrangements for this waste stream, ensuring that the requirements of sections 2.1.1 and 2.1.2 of the Agency's Sector Guidance Note S5.06, December 2004.

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

Raw materials and fuel description	Specification
Gas oil from 01/01/2008	Less than 0.1% w/wsulphur content

Table S2.2 Permitted waste types and quantities for A1 & A2 Installation Activity

Maximum quantity	Total annual throughput not to exceed 40000 tonnes each year
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
05 01 12*	Oil containing acids
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 03	Wastes from MFSU of printing inks
08 03 19*	Disperse oil
08 04	Wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 17*	Rosin oil
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 05	Wastes from zinc thermal metallurgy
10 05 08*	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
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS, NON-FERROUS HYDRO-METALLURGY
11 01	Wastes from chemical surface treatment and coating of metals and other materials
11 01 12	Aqueous rinsing liquids other than those mentioned in 11 01 11
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	Mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	Mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	Readily biodegradable machining oil
12 01 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
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 01*	Hydraulic oils, containing PCBs
13 01 04*	Chlorinated emulsions
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
13 01 10*	Mineral based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils

13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	Waste engine, gear and lubricating oils
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 07*	Readily biodegradable engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03	WASTE INSULATING AND HEAT TRANSMISSION OILS
13 03 01*	Insulating or Heat Transmission Oils containing PCB's (13 03 01* is used when PCBs are present in any insulating or heat transmission oil at a concentration of equal to or greater than 50 mg/kg (0.005%).
13 03 06*	Mineral-based Chlorinated 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 09*	Readily Biodegradable Insulating and Heat Transmission Oils
13 03 10*	Other Insulating and Heat Transmission Oils
13 04	Bilge oils
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
13 05	Oil/water separator contents
13 05 01*	Solids from grit chambers and oil/water separators
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 05 08*	Mixtures of wastes from grit chambers and oil/water separators
13 07	Wastes of liquid fuels
13 07 01*	Fuel oil and diesel
13 07 02*	Petrol
13 07 03*	Other fuels (including mixtures)
13 08	Oil wastes not otherwise specified
13 08 01*	Desalter sludges or emulsions
13 08 02*	Other emulsions
13 08 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	Wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	Wastes containing oil
16 07 99*	Wastes not otherwise specified (to be consigned with full description, e.g waste oil contaminated with chlorinated degreaser)
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 08	Wastes from waste water treatment plants not otherwise specified
19 08 09	Grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 10	Wastes from shredding of metal-containing wastes
19 10 06	Other fractions other than those mentioned in 19 10 05
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
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Table S2.3 Permitted waste types and quantities for A5 Waste Activity	
Maximum quantity	Total annual throughput not to exceed 5,000 tonnes each year
Waste code	Description
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 02	ABSORBENTS, FILTER MATERIALS, WIPING CLOTHS AND PROTECTIVE CLOTHING
15 02 02*	Absorbents, filter materials (including oil filters, not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

Schedule 3 (a) – Emissions and monitoring effective until 16 August 2022

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
C1-C2 [Points C1-C2 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
E1 [Point E1 on site plan in Schedule 7]	Effluent Tank	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
F1 [Point F1 on site plan in Schedule 7]	Boiler Fuel Tank	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
P1-P7 [Points P1-P7 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
S1-S9 [Points S1-S9 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-

RS1-RS3 [Points RS1- RS3 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
99 [Point 99 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	Class A VOCs	No Limit Set	-	-	-
		Class B VOCs	No Limit Set	-	-	-
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
Boiler Room [Boiler Room on site plan in Schedule 7]	Gas oil combustion boiler Stack	Oxides of Nitrogen	No Limit Set	-	-	-
		Oxides of Sulphur	No Limit Set	-	-	-
		Carbon Monoxide	No Limit Set	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
W1 emission to River Usk [Point W1 on site plan in Schedule 7]	Klargester Interceptor	Total Suspended Solids	No Limit Set	For 95% of all measured values of periodic samples taken over one month	Weekly	BS EN 872
		Oil & Grease	No Visible Trace	-	Weekly	-

Table S3.3 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 (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 emission to Nash Waste Water Treatment Works Via Foul Sewer [Point S1 on site plan in Schedule 7]	Site Effluent Treatment Plant	Mercury and its compounds, expressed as mercury (Total Hg)	0.005mg/l	24-hour flow proportional sample	Daily, while treating waste types 05-01-05, 05-01-06 or 05-01-12	BS EN 135006

Table S3.4 Annual limits

Substance	Medium	Limit (including unit)
Sulphur dioxide	Air	-
Oxides of nitrogen	Air	-

Schedule 3 (b) – Emissions and monitoring effective from 17 August 2022

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
C1-C2 [Points C1-C2 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
E1 [Point E1 on site plan in Schedule 7]	Effluent Tank	TVOCs ¹	30mg/Nm ³	-	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
F1 [Point F1 on site plan in Schedule 7]	Boiler Fuel Tank	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
P1-P7 [Points P1-P7 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
S1-S9 [Points S1-S9 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
RS1-RS3 [Points RS1- RS3 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
99 [Point 99 on site plan in Schedule 7]	Oil Storage / Treatment Tanks	TVOCs ¹	30mg/Nm ³	Periodic	Every 6 months	EN 12619
		Ammonia	No Limit Set	-	-	-
		Hydrogen Sulphide	No Limit Set	-	-	-
Boiler Room [Boiler Room on site plan in Schedule 7]	Gas oil combustion boiler Stack	Oxides of Nitrogen	No Limit Set	-	-	-
		Oxides of Sulphur				
		Carbon Monoxide				

Note 1 The BAT-AEL does not apply when the emission load is below 2 kg/h at the emission point provided that no CMR substances are identified as relevant in the waste gas stream, following completion of the waste water inventory required by BAT 3 of the Waste Treatment BREF Document (EU 2018), to be provided as part response to IC11 by the operator.

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
W1 emission to River Usk [Point W1 on site plan in Schedule 7]	Klargester Interceptor	Total Suspended Solids	60mg/l	For 95% of all measured values of periodic samples taken over one month	Weekly	BS EN 872
		Oil & Grease	No Visible Trace	-	Weekly	-

Table S3.3 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 (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 emission to Nash Waste Water Treatment Works Via Foul Sewer [Point S1 on site plan in Schedule 7]	Site Effluent Treatment Plant	Flow	None set	Daily average per calendar month	Continuous	Flow meter
		Hydrocarbon oil index (HOI) ⁽²⁾⁽³⁾	10 mg/l	None set	Once every month	EN ISO 9377-2
		Arsenic (As) ⁽¹⁾⁽²⁾⁽³⁾	0.05 mg/l			Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)
		Cadmium (Cd) ⁽¹⁾⁽²⁾⁽³⁾	0.05 mg/l			
		Chromium (Cr) ⁽¹⁾⁽²⁾⁽³⁾	0.15 mg/l			
		Copper (Cu) ⁽¹⁾⁽²⁾⁽³⁾	0.5 mg/l			
		Nickel (Ni) ⁽¹⁾⁽²⁾⁽³⁾	0.5 mg/l			
		Lead (Pb) ⁽¹⁾⁽²⁾⁽³⁾	0.1 mg/l			
		Zinc (Zn) ⁽¹⁾⁽²⁾⁽³⁾	1 mg/l			
		Mercury and its compounds, expressed as mercury (Total Hg) ⁽¹⁾⁽²⁾	5µg/l	24-hour flow proportional sample	Once every month	Various EN standards available (i.e. EN ISO 17852, EN ISO 12846)
		PFOA ⁽¹⁾⁽²⁾	None set	None set	Once every six months	No EN standard available
		PFOS ⁽¹⁾⁽²⁾	None set	None set	Once every six months	No EN standard available

Note 1: Monitoring of parameters only apply if substances are identified as relevant following completion of the waste water inventory required by BAT 3 of the Waste Treatment BREF Document (EU 2018), to be provided as part response to IC11 by the operator.

Note 2: In the case of an indirect discharge to a receiving water body, the monitoring frequency may be reduced if the downstream waste water treatment plant abates the pollutants concerned.

Note 3: The BAT-AELs may not apply if the downstream waste water treatment plant abates the pollutants concerned, provided this does not lead to a higher level of pollution in the environment.

Table S3.4 Annual limits

Substance	Medium	Limit (including unit)
Sulphur dioxide	Air	-
Oxides of nitrogen	Air	-

Schedule 4 (a) – Reporting effective until 16 August 2022

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 surface waters Parameters as required by condition 3.5.1.	W1	Every 12 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1.	S1	Every 12 months	1 January

Table S4.2: Annual production/treatment

Parameter	Units
Waste oil dispatched	tonnes
Oily rags etc treated as part of A5 activity listed in Table S1.1	tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Surface Water	Form water 1 or other form as agreed in writing by Natural Resources Wales	09/08/2021
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	09/08/2021
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	29/10/2007
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	29/10/2007
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	09/08/2021
Waste Subject to Conditions 4.2.5	Waste tonnage return form from the Natural Resources Wales website or other form as agreed in writing by Natural Resources Wales	N/A

Schedule 4 (b) – Reporting effective from 17 August 2022

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.	C1-C2; E1; F1; P1-P7; S1-S9; RS1-RS3; 99	Every 12 months	1 January
Emissions to surface water Parameters as required by condition 3.5.1	W1	Every 6 months	1 January, 1 July
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	1 January, 1 July

Table S4.2: Annual production/treatment

Parameter	Units
Waste oil dispatched	tonnes
Oily rags etc treated as part of A5 activity listed in Table S1.1	tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Generation of residues	Annually	tonnes
Generation of wastewater	Annually	m ³

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by Natural Resources Wales	17/08/2022
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	17/08/2022
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	29/10/2007
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	29/10/2007
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	17/08/2022
Waste Subject to Conditions 4.2.5	Waste tonnage return form from the Natural Resources Wales website or other form as agreed in writing by Natural Resources Wales	N/A

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
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 permit condition	
To be notified within 24 hours of detection	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
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) In the event 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:

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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 Natural Resources Wales 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” or “D” 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 or background concentration 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 (Wales) Regulations 2005 (as amended).

“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.

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

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

“Pests” means Birds, Vermin and Insects.

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

“Recovery” or “R” 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.

‘Residue’ means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant.

“Waste code” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) 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.

“Waste Treatment BAT Conclusions” means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018.

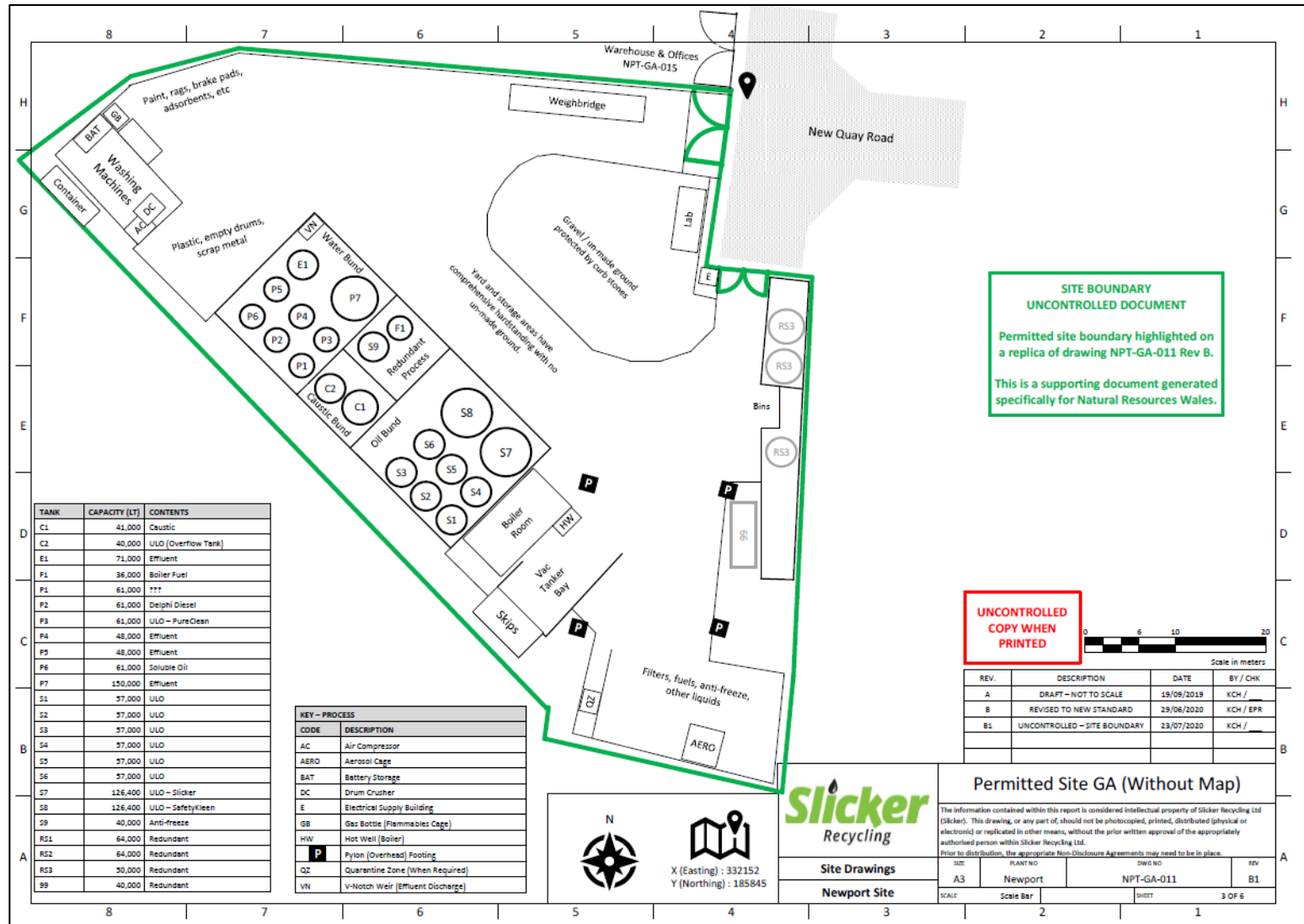
"Year" means calendar year ending 31 December.

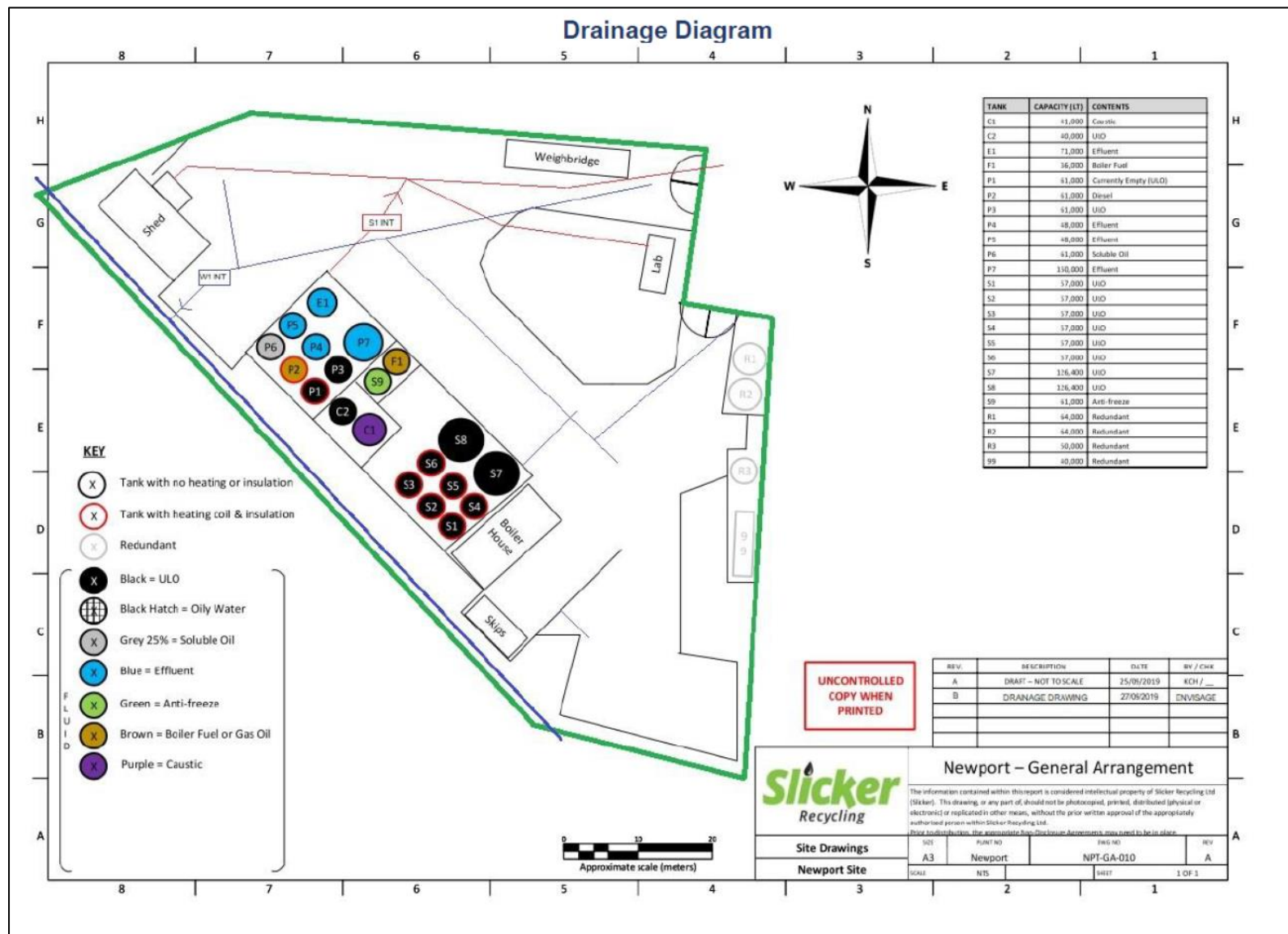
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

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

Schedule 7 - Site plan





END OF PERMIT