

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Oil Salvage Limited

Bootle Oil Recovery
1 Lyster Road
Bootle
Merseyside
L20 1AS

Variation application number

EPR/MP3734SC/V004

Permit number

EPR/MP3734SC

Bootle Oil Recovery

Permit number EPR/MP3734SC

Introductory note

This introductory note does not form a part of the notice

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

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

This variation is to include an oil re-refining plant using dehydration and distillation. Pre-treated waste oil is heated by a thermal fluid heater, dehydrated and the lighter fuel fraction is removed. Heat and vacuum are steadily increased to evaporate the lube oil. At the end of the batch the remaining heavy fuel/asphalt extender are discharged to a tank and the process is ready for another batch. The capacity of the plant is 8,000 litres per hour, and up to 64,000 tonnes/year. There is no increase in overall waste throughput for the installation (100,000 tonnes/year) or changes to waste types accepted.

Waste water removed is treated through the site's existing waste water treatment plant. Gaseous waste streams (off gas) are disposed of using a thermal oxidiser, cooled and passed to an alkaline scrubber to remove acid gases before discharge to air via a stack. The thermal fluid is heated by a thermal fluid heater running on gas oil/processed fuel oil (PFO). The proposal also includes a small back-up diesel generator to allow safe shut down of the process in the event of a mains power failure, and an emergency pressure relief system. The thermal fluid heater is considered an existing plant for the purposes of the Medium Combustion Plant Directive (MCPD). The back-up generator is considered an 'excluded generator', under The Environmental Permitting (England and Wales) (Amendment) Regulations 2018, Schedule 25B regarding Specified Generators.

A revised site description is as follows:

The site consists regulated facilities located on Lyster Road, Bootle, Merseyside. The site slopes towards the Mersey Estuary, to the west and the associated docks, centres at grid reference SJ 3338 9539, and occupies an area of approximately 2.4 ha. To the east of the site is the Derby Road (A565 - also known as the Dock road) which runs from north to south. To the north of the site is an area occupied by warehouses. To the south is an industrial yard. The regulated facilities consist of an installation for the treatment of waste oil, and waste disposal and recovery activities.

The main activities undertaken at the site are:

- a) Bulk storage of piped waste oils;
- b) Production of Recovered Fuel Oil (RFO) and Processed Fuel Oil (PFO) from waste oil by blending and dewatering;
- c) Re-refining of waste oils to produce heavy and light fractions by the removal of spent additives and other oil fractions;
- d) Oil re-refining plant using dehydration and distillation;
- e) Physical treatment of wastes such as the chipping/shredding of tyres, bumpers, oil filters, pads and rags, and the sorting, washing and crushing or pressing of drums;
- f) A waste water treatment plant to treat aqueous based waste material inputs and to further treat aqueous based residues from the existing activities. This is a multistage process involving separation, dissolved air flotation (DAF), filtration and distillation;

- g) A sludge treatment plant for the processing of oily sludges including the further treatment of residues from the existing activities and the treatment of additional waste input materials. This process includes centrifuges and oil decanting.

The piped waste oils are ships waste marine oil from the adjacent docks. The oil pipeline is within the installation boundary.

The main emissions from the regulated facilities are to air, from tank vents, combustion gases from an oil-fired steam raising boiler (3 MW), thermal fluid heater (2.9 MW), thermal oxidiser/scrubber and fugitive emissions from drum crushing, oil filter crushing and rag squeezing activities. Emissions to sewer are comprised of wastewater treatment, dewatering processes and surface water run-off. There are no process emissions to water or land.

There are no Sites of Special Scientific Interest (SSSIs) within 2 km of the regulated facilities. There are six designated habitats within 10 km of the installation, which comprise five Special Protection Areas (SPA), three Special Areas of Conservation (SAC) and three Ramsar Sites. These are: Liverpool Bay SPA, Ribble and Alt Estuaries SPA/Ramsar, Mersey Narrows and North Wirral Foreshore SPA/Ramsar, Mersey Estuary SPA/Ramsar, Dee Estuary SAC and Sefton Coast SAC. The staff on site are suitably qualified and hold relevant WAMITAB certificates.

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 MP3734SC (EPR/MP3734SC/A001)	Duly made 31/01/07	-
Permit determined EPR/MP3734SC	18/10/07	Original permit issued.
Application EPR/MP3734SC/V002 (variation and consolidation)	Duly made 24/10/08	Application to vary and update the permit to modern conditions. Consolidating Waste Management Licence EPR/WML50074.
Variation determined EPR/MP3734SC/V002	04/04/11	Varied permit issued.
Application EPR/MP3734SC/V003 (consolidation and variation)	Duly made 16/09/13	Substantial variation to increase the permitting boundary, addition of effluent and sludge treatment and additional permitted wastes.
Schedule 5 request for further information	Request sent 4/12/13 Responses received 10/12/13, 18/12/13 and 10/01/14	Revised site plan and further information on process tonnages.
Variation determined EPR/MP3734SC/V003	31/01/14	Consolidated Variation Notice issued.
Application EPR/MP3734SC/V004 (variation and consolidation)	Duly made 12/12/18	Variation to oil reprocessing operation.
Schedule 5 request for further information dated 19/06/2019	Response 12/07/19	-
Variation determined EPR/MP3734SC/V004	27/09/19	Consolidated Variation Notice issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/MP3734SC

Issued to

Oil Salvage Limited (“the operator”)

whose registered office is

Seymour Chambers

92 London Road

Liverpool

L3 5NW

company registration number 01857473

to operate a regulated facility at

Bootle Oil Recovery

1 Lyster Road

Bootle

Merseyside

L20 1AS

to the extent set out in the schedules.

The notice shall take effect from 27/09/2019

Name	Date
Philip Lamb	27/09/2019

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit EPR/MP3734SC.

The following conditions were varied as a result of the application made by the operator:

1.2.1, 1.3.1, 2.1.2, 3.5.3, 3.5.4, 4.2.2, Table S1.1, Table S1.2, Table S3.1, Table S3.2, Table S4.1, Schedule 6 (Interpretation).

The following conditions were varied as a result of an Environment Agency initiated variation:

2.3.1, 2.3.2, 3.6.1, 3.6.2, Table S1.1, Table S2.2, Table S2.3, Table S2.4 Table S2.5, Table S2.6, Table S2.7.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/MP3734SC

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/MP3734SC/V004 authorising,

Oil Salvage Limited (“the operator”),

whose registered office is

Seymour Chambers

92 London Road

Liverpool

L3 5NW

company registration number 01857473

to operate an installation at

Bootle Oil Recovery

1 Lyster Road

Bootle

Merseyside

L20 1AS

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

Name	Date
Philip Lamb	27/09/2019

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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR14), 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 (AR1 to AR14), 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 (AR1 to AR14) 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 A at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3, S2.4, S2.5, S2.6 and S2.7; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.4 Improvement programme

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

2.5 Pre-operational conditions

- 2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table 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 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.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

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

3.5 Monitoring

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

- (a) point source emissions specified in tables S3.1 and S3.2;

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 unless otherwise agreed in writing by the Environment Agency.

3.6 Fire prevention

3.6.1 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.

3.6.2 The operator shall:

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

4 Information

4.1 Records

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

- (a) be legible;

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

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

4.2 Reporting

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

4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR14), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

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

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,

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

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

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

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

4.4 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 Part A(1)(a)(ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Blending, filtration centrifuging, heating, dewatering, blending with a cleaning solvent, dewatering of waste oil and recovery of solvent (R3, R9).	From receipt of wastes as defined in Schedule 2 table S2.2 to dispatch of waste and recovered material from the installation.
AR2	S5.3 Part A(1)(a)(ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Sludge waste treatment and processing including: centrifuge, and oil decanting.	From receipt of wastes as defined in Schedule 2 table S2.6 to dispatch of waste from the installation.
AR3	S5.3 Part A(1)(a)(ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Aqueous waste treatment and processing including: Separation, dissolved air flotation, ultrafiltration, rotary evaporating and condensing and reverse osmosis filtration.	From receipt of wastes as defined in Schedule 2 table S2.7 to dispatch of waste from the installation. Aqueous hazardous wastes only to be stored within stainless steel tanks.
AR4	S5.4 Part A(1)(a)(ii): Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment	Aqueous waste treatment and processing including: Separation, dissolved air flotation, ultrafiltration, rotary evaporating and condensing and reverse osmosis filtration.	From receipt of wastes as defined in Schedule 2 table S2.7 to dispatch of waste from the installation. Aqueous hazardous wastes only to be stored within stainless steel tanks.
AR5	S5.3 Part A(1)(a)(iv): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging prior to submission to any of the other activities listed in Section 5.1 or Section 5.3	Bulking, repackaging and consolidation of hazardous wastes not otherwise treated by other activities at the installation (D14, R3, R4, R5).	From receipt of wastes as defined in Schedule 2 table S2.5 to dispatch of waste from the installation. No drummed or other packaged waste shall be stored for more than 6 months from the date of receipt. Other wastes shall not be stored for more than 12 months from the date of receipt. Hazardous waste must be kept in a building or within a secure container and kept on impermeable surface with sealed drainage.

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
AR6	S5.6 Part A(1)(a): Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any activity listed in Sections 5.1, 5.2 or 5.3	Storage of hazardous wastes listed in tables S2.2 to S2.7. (R13, D15)	Maximum total storage capacity of hazardous waste of 20,000 tonnes. Aqueous hazardous wastes only to be stored within stainless steel tanks. No drummed or other packaged waste shall be stored for more than 6 months from the date of receipt. Other wastes shall not be stored for more than 12 months from the date of receipt. Hazardous waste must be kept in a building or within a secure container and kept on an impermeable surface with sealed drainage.
AR7	S5.3 Part A(1)(a)(ii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Crushing and/or shredding of drums and oil filters. Pressing of oily rags (R3).	From receipt of waste as defined in Schedule 2 table S2.3 to dispatch of waste from the installation. Maximum crushing /shredding capacity shall not exceed 10 tonnes per day. Hazardous waste must be kept in a building or within a secure container and kept on impermeable surface with sealed drainage.
AR11	Section 5.3 Part A (1)(a)(x): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving oil re-refining or other reuses of oil	Oil Re-refining activities (dewatering, distillation) (R9).	From receipt of wastes as defined in Schedule 2 table S2.2 to dispatch of waste and recovered material to storage or further processing.
Directly Associated Activity			
AR8	Steam supply	Steam generation.	Combustion of heavy fuel oil and gas oil in a boiler less than 3 MW.

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
AR9	Storage of wastes	Storage and handling of waste generated by the process and non-hazardous wastes awaiting treatment.	From generation or delivery of waste to dispatch from the installation.
AR10	Storage, bulking and treatment of non-hazardous wastes	Storage and treatment (manual sorting, separation, screening, baling, shredding, crushing and compaction) of wastes (D9, D13, D14, D15, R13, R3, R4, R5).	Maximum storage and treatment for disposal capacity of 50 tonnes per day. From receipt of waste as defined in Schedule 2 table S2.4 to dispatch of waste from the installation.
AR12	Thermal fluid heater	Thermal fluid heater (2.9 MWth).	Combustion of processed fuel oil and gas oil to heat the thermal fluid: 2.9 MWth.
AR13	Thermal oxidiser and scrubber system	Thermal oxidiser and caustic scrubber system for off-gases from the oil treatment and re-refining process.	Gas oil fired thermal oxidiser.
AR14	Back-up generator	Diesel back-up generator for the re-refining process.	Including storage of associated diesel fuel.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application MP3734SC	Response to Sections 2.1 and 2.2 in the application.	31/01/07
Application WML50074	Working plan in application WML50074.	August 2007
Site Monitoring and Protection Programme	Requirements of condition 2.8 in permit MP3734SC issued 18/10/2007.	12/05/08
Application EPR/MP3734SC/V003	Part C2 response to questions 5a-c and 6 and additional supporting information supplied.	05/09/13
Schedule 5 request for information	All further information provided including a site plan with emission points to air and sewer and answers to questions.	18/12/13
Application EPR/MP3734SC/V004	Application forms Parts B2 and B3 and relevant supporting information. Excluding: Odour Management Plan.	Duly Made 12/12/18
Response to Schedule 5 Notice dated 19/06/19	Response to questions 1 - 8.	12/07/19
Odour Management Plan	Odour Management Plan V1.2 June 2019	12/07/19

Reference	Requirement	Date
IC1	<p>For the following activities referenced in schedule 1, table S1.1 (A1 to A6) 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 S5.06, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of <25 m³ (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 >25 m³ (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 subject 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 preventative maintenance and 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. The work in the individual areas shall be completed by the dates specified.</p>	Completed
IC11	<p>For all activities referenced in Schedule 1, Table S1.1 'activities', the Operator shall submit a written report updating and consolidating all information in Schedule 1, Table S1.2 'operating techniques'.</p> <p>The written report shall be submitted to the Agency for approval and shall include timescales for the Operator to implement any identified improvements or changes to the current operating techniques.</p>	Completed
IC12	<p>Update the Accident Management Plan (AMP) to incorporate new oil tanks, workshop, and changes to effluent treatment processes. The AMP should identify potential risks from your activities and state appropriate methods to control these (if needed). The written report shall be submitted to the Agency for approval.</p>	Completed
IC13	<p>The Operator shall prepare a bulk storage tank designation inventory and updated plan for the site having regard to the design and construction of the tanks and the properties and characteristics of the waste materials to be stored as defined in tables S2.2, S2.6 and S2.7. The storage tank designation inventory shall be submitted to the Environment Agency for approval.</p>	Completed

Reference	Pre-operational measures	Pre-operational measures
PO1	Re-refining activities	<p>At least 4 weeks before the operation the operator shall submit the following to the Agency for approval:</p> <ol style="list-style-type: none"> a) Details of any emission points and abatement associated with the plant; b) An impact assessment from any emissions associated with the plant; c) Confirmation that the pollution prevention measures meet the requirements of section 2.2.5 of Sector Guidance Note IPPC S5.06. <p>Now considered complete.</p>

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Heavy fuel oil	Sulphur content less than 1% by mass

Maximum quantity	100,000 tonnes per annum
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 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
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
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

Table S2.2 Permitted waste types and quantities for oil storage and treatment for the following activities referenced in schedule 1 table S1.1 (AR1)	
Maximum quantity	100,000 tonnes per annum
Waste code	Description
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 02*	steam degreasing wastes
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 PERMITTED FOR STORAGE ONLY
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 PCBs PERMITTED FOR STORAGE ONLY
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation

Table S2.2 Permitted waste types and quantities for oil storage and treatment for the following activities referenced in schedule 1 table S1.1 (AR1)	
Maximum quantity	100,000 tonnes per annum
Waste code	Description
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
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 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 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
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 13*	brake fluids
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
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 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S2.3 Permitted waste types and quantities for crushing or shredding of oil filters, drums and other packaging and removal of oil from oily rags for the following activities referenced in schedule 1 table S1.1 (AR7)

Maximum quantity	Maximum storage of 300 tonnes
Waste code	Description
15	Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by hazardous substances
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
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 07*	oil filters
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 04	metals (including their alloys)
17 04 09*	Metal waste contaminated with hazardous substances

Table S2.4 Permitted waste types and quantities for storage and bulking only (Non-Hazardous Wastes) for the following activities references in schedule 1 table S1.1 (AR10)

Maximum quantity	Maximum storage of 300 tonnes
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 10	waste metal
08	Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
15	Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 22	components not otherwise specified
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 02	wood, glass and plastic
17 02 02	glass
17 04	metals (including their alloys)
17 04 07	mixed metals
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 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal

Table S2.4 Permitted waste types and quantities for storage and bulking only (Non-Hazardous Wastes) for the following activities references in schedule 1 table S1.1 (AR10)

Maximum quantity	Maximum storage of 300 tonnes
Waste code	Description
19 12 03	non-ferrous metal
19 12 05	glass
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 02	glass
20 01 40	metals

Table S2.5 Permitted waste types and quantities for storage, bulking and repackaging only (Hazardous Wastes) for the following activities referenced in schedule 1 table S1.1 (AR5)

Maximum quantity	Maximum storage of 120 tonnes
Waste code	Description
08	Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
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 (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 13*	degreasing wastes containing hazardous substances
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 07	wastes of liquid fuels
13 07 02*	petrol
14	Waste organic solvents, refrigerants and propellants (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 14*	antifreeze fluids containing hazardous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 06	batteries and accumulators
16 06 01*	lead batteries
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 21*	fluorescent tubes and other mercury-containing waste
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries

Table S2.6 Permitted waste types and quantities for sludge treatment for the following activities referenced in schedule 1 table S1.1 (AR2)

Maximum quantity	Maximum storage of 500 tonnes
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 05	wastes from the dairy products industry
02 05 02	sludges from on-site effluent treatment
08	Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 02	aqueous sludges containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 13	sludge from on-site effluent treatment
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 08	wastes from waste water treatment plants not otherwise specified
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
19 11	wastes from oil regeneration
19 11 05*	sludges from on-site effluent treatment containing hazardous substances
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05

Table S2.7 Permitted waste types and quantities for aqueous waste treatment and processing for the following activities referenced in schedule 1 table S1.1 (AR3 and AR4)

Maximum quantity	Maximum storage of 5,000 tonnes
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
06	Wastes from inorganic chemical processes
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 04*	phosphoric and phosphorous acid
06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
06 02	wastes from the MFSU of bases
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
07	Wastes from organic chemical processes
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	aqueous washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	aqueous washing liquids and mother liquors
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	aqueous washing liquids and mother liquors
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors

Table S2.7 Permitted waste types and quantities for aqueous waste treatment and processing for the following activities referenced in schedule 1 table S1.1 (AR3 and AR4)

Maximum quantity	Maximum storage of 5,000 tonnes
Waste code	Description
08	Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 05*	organic wastes containing hazardous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
16 08	spent catalysts
16 08 06*	spent liquids used as catalysts
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing hazardous substances

Table S2.7 Permitted waste types and quantities for aqueous waste treatment and processing for the following activities referenced in schedule 1 table S1.1 (AR3 and AR4)

Maximum quantity	Maximum storage of 5,000 tonnes
Waste code	Description
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing hazardous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 09	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 01	wastes from incineration or pyrolysis of waste
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 04	vitrified waste and wastes from vitrification
19 04 04	aqueous liquid wastes from vitrified waste tempering
19 07	landfill leachate
19 07 02*	landfill leachate containing hazardous substances
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes
19 11 04*	wastes from cleaning of fuel with bases
19 11 05*	sludges from on-site effluent treatment containing hazardous substances
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 11 07*	wastes from flue-gas cleaning
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)

Table S2.7 Permitted waste types and quantities for aqueous waste treatment and processing for the following activities referenced in schedule 1 table S1.1 (AR3 and AR4)

Maximum quantity	Maximum storage of 5,000 tonnes
Waste code	Description
20 01 08	biodegradable kitchen and canteen waste

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 (identified on emission point location plan in the application MP3734SC)	No Parameters Set	Odour masking unit	No limit set	--	--	Permanent sampling access not required
A2 (identified on emission point location plan in the application MP3734SC)	No Parameters Set	Boiler Plant	No limit set	--	--	Permanent sampling access not required
A3 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 5 breather vent	No limit set	--	--	Permanent sampling access not required
A4 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 18 breather vent	No limit set	--	--	Permanent sampling access not required
A5 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 19 breather vent	No limit set	--	--	Permanent sampling access not required
A6 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 20 breather vent	No limit set	--	--	Permanent sampling access not required
A7 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 1 breather vent	No limit set	--	--	Permanent sampling access not required
A8 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 2 breather vent	No limit set	--	--	Permanent sampling access not required
A9 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 3 breather vent	No limit set	--	--	Permanent sampling access not required
A10 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 4 breather vent	No limit set	--	--	Permanent sampling access not required
A11 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 6 breather vent	No limit set	--	--	Permanent sampling access not required
A12 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 7 breather vent	No limit set	--	--	Permanent sampling access not required

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A13 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 8 breather vent	No limit set	--	--	Permanent sampling access not required
A14 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 401 breather vent	No limit set	--	--	Permanent sampling access not required
A15 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 402 breather vent	No limit set	--	--	Permanent sampling access not required
A16 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 403 breather vent	No limit set	--	--	Permanent sampling access not required
A17 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 404 breather vent	No limit set	--	--	Permanent sampling access not required
A18 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 501 breather vent	No limit set	--	--	Permanent sampling access not required
A19 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 502 breather vent	No limit set	--	--	Permanent sampling access not required
A20 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 503 breather vent	No limit set	--	--	Permanent sampling access not required
A21 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 504 breather vent	No limit set	--	--	Permanent sampling access not required
A22 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 505 breather vent	No limit set	--	--	Permanent sampling access not required
A23 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 506 breather vent	No limit set	--	--	Permanent sampling access not required
A24 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 507 breather vent	No limit set	--	--	Permanent sampling access not required
A25 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 508 breather vent	No limit set	--	--	Permanent sampling access not required

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A26 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 509 breather vent	No limit set	--	--	Permanent sampling access not required
A27 (as identified in the application MP3734SC)	No Parameters Set	Oil storage tank 510 breather vent	No limit set	--	--	Permanent sampling access not required
A28 (as identified in the application MP3734SC)	No Parameters Set	Local exhaust ventilation from building and housing the shaker screens	No limit set	--	--	Permanent sampling access not required
A29 (as shown in schedule 7 site plan B)	No Parameters Set	Oil storage tank 201 breather vent	No limit set	--	--	Permanent sampling access not required
A30 (as shown in schedule 7 site plan B)	No Parameters Set	Oil storage tank 202 breather vent	No limit set	--	--	Permanent sampling access not required
A31 (identified as A4 in plan RRA-18-008 the application MP3734SC/V004)	No Parameters Set	Thermal fluid heater	No limit set	--	--	--
A32 (identified as A5 in plan RRA-18-008 of the application MP3734SC/V004)	No parameters set	Backup generator	No limit set	--	--	Permanent sampling access not required
A33 (identified as A3 in plan RRA-18-008 of the application MP3734SC/V004)	Total Volatile Organic Compounds (TVOC)	Thermal oxidiser/scrubber system	30 mg/m ³ NOTE1	30 minutes	Six-monthly	BS EN 12619
A34 (as identified in plan RRA-18-008 of the application MP3734SC/V004)	No Parameters Set	Emergency pressure relief point	No limit set	--	--	Permanent sampling access not required
NOTE1: Average value of three consecutive measurements of at least 30 minutes each.						

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	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 (as shown in schedule 7 site plan B)	No parameters set	Tank dewatering, surface run-off, boiler blow down, water treatment plant, sludge treatment plant, spent scrubber liquor.	No limit set	--	--	--
S2 (as shown in schedule 7 site plan B)	No parameters set	Surface run off from new land via oil interceptor	No limit set	--	--	--

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	Period begins
Emissions to Air Parameters as required by condition 3.5.1	A33	Six-monthly.	1 January, 1 July

Parameter	Units
--	--

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Specific energy consumption (per tonne product)	Annually	MWh/tonne waste oil dispatched
Primary carbon dioxide (per tonne product)	Annually	Tonnes/Tonne waste oil dispatched

Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	18/03/2011
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	18/03/2011
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	18/03/2011

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

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

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

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

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

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions.

“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.

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants.

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

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

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

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

“year” means calendar year ending 31 December.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

When the following terms appear in the waste code lists in Schedule 2, tables S2.2, S2.3, S2.4, S2.5, S2.6 and S2.7, for those tables, they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“PCBs” means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane;
- any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

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

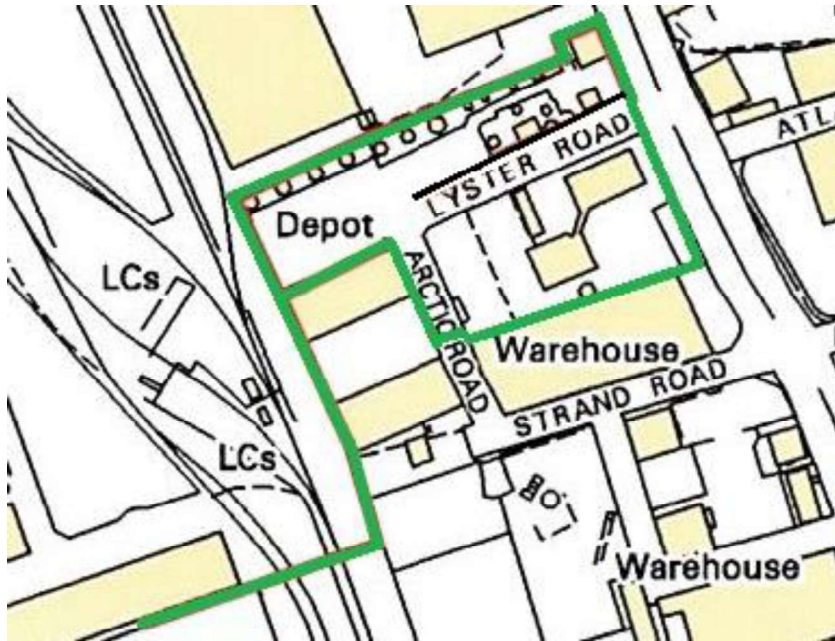
“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

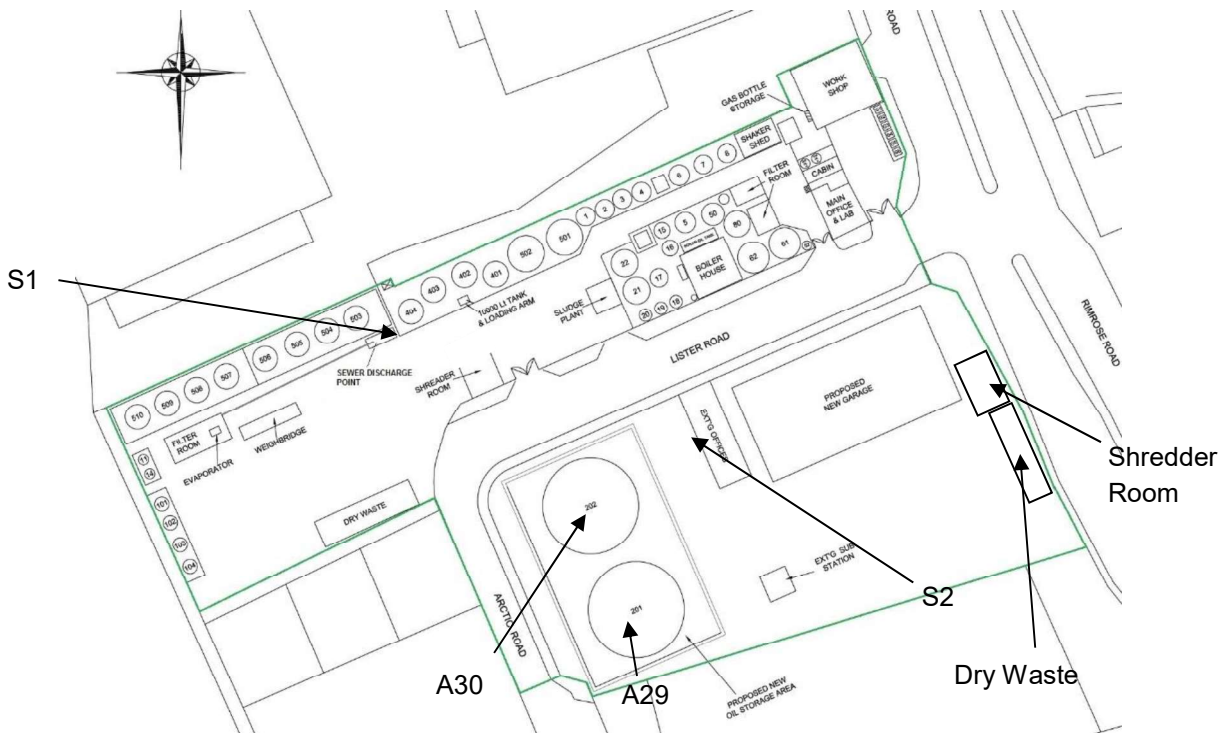
“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

Schedule 7 – Site plan

Site Plan A



Site Plan B



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