Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

MTB (Midlands) Limited

MTB (Midlands) - Cradley Heath.
88 Station Road,
Cradley Heath,
West Midlands,
B64 6PL

Variation application number

EPR/EP3136MN/V007

Permit number

EPR/EP3136MN

MTB (Midlands) - Cradley Heath.
Permit number EPR/EP3136MN

Introductory note

This introductory note does not form a part of the permit

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

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

This permit variation has been issued to implement guidance “Chemical waste: appropriate measures for permitted facilities” and “Non-hazardous and inert waste: appropriate measures for permitted facilities”.

Changes introduced by this variation notice/statutory review

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

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. Non-hazardous and inert waste: appropriate measures for permitted facilities” was published on 12 July 2021.The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer chemical waste, providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the chemical waste treatment and transfer sector and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate. The permit has been reviewed against the requirements of the Medium Combustion Plant Directive for 2025 and 2030 and relevant conditions and monitoring requirements have been added at the request of the operator.

Brief description of the process

The regulated facility comprises:

- treatment of hazardous waste;
- treatment of non-hazardous waste;
- temporary storage of hazardous waste;
- temporary storage of non-hazardous waste prior to treatment.

Treatment of waste includes:

- recovery of oils by screening, dewatering, gravity settlement, filtration and heating (phase separation).
- disposal of non-hazardous aqueous wastes by filtration/ultrafiltration.

The main features of the installation are as follows:

MTB (Midlands) Limited operate a waste oil recovery facility. The site is located at Cradley Heath in the West Midlands approximately half a mile to the southeast of the town centre of Old Hill. The site is surrounded by

residential areas and there are several local wildlife sites within close proximity to the facility. Fens Pool SAC is approximately 4.6 km to the northwest of the site.

Waste oil is delivered to the site by road in bulk road tankers. Before unloading, a sample of the oil is analysed to determine if it meets specified acceptance criteria. It is then transferred via flexible hoses into the reception tank which is under cover and pumped to the appropriate tank in the tank farm from there. Selected tanks (3, 5-10 inclusive) are insulated and equipped with heater coils fed by a steam boiler which is an existing medium combustion plant (1.18 MWth) to heat the waste oil water mixtures up to 90˚C to aid separation and this is regulated by a digital control system. The site also uses demulsifying additives when temperature alone does not produce the required split. These are biodegradable and the average weekly use is approximately 450 litres. On completion of the process the waste oil is removed from site via tanker for further refining at other waste oil recovery facilities, the solid phase is discharged into an IBC and removed from site under consignment to a licensed waste facility. Aqueous wastes from on-site treatment or non-hazardous wastes delivered to site and accepted under specified acceptance criteria, are treated using the enclosed ultra-filtration/filtration plant. Waste effluent from the site is passed through a tilt plater separator and Klargester (oil/water separator) Unit and V notch system prior to discharge to foul sewer.

Point source emissions of air from the facility include emissions relating to the combustion of gas oil from the steam boiler and emissions of VOCs from storage and treatment tanks/equipment which are channelled and emitted via a carbon filter abatement system. The tank farm is bunded and the site has an impermeable surface and sealed drainage.

The site operates under an environmental management system which is accredited to ISO 14001.

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 EP3136MN received	Duly made 29/01/07	EPR reference: EPR/EP3136MN/A001
Additional information received	11/09/07 & 16/10/07	--
Permit determined EP3136MN	19/10/07	Original permit issued to MTB (Midlands) Limited EPR reference: EPR/EP3136MN
Application to vary EPR/EP3136MN/V002	18/08/10	Variation to add waste codes
Application EPR/EP3136MN/V002 returned	24/08/10	Incorrect variation application
Application to vary EPR/EP3136MN/V003	Duly made 17/07/12	Variation to add activity and wastes and remove activity
Variation determined EPR/EP3136MN/V003	08/08/12	--
Agency variation determined EPR/EP3136MN/V004	04/12/13	Agency variation to implement the changes introduced by IED
Application EPR/EP3136MN/V005 returned	24/08/10	Incorrect application type
Application to vary EPR/EP3136MN/V006	Duly Made 12/05/17	--
Additional information received	11/10/17	Response to Schedule 5 Notice issued on 30/06/17
Additional information received	08/12/17	Response to Schedule 5 Notice issued on 04/12/17

Status log of the permit		
Description	**Date**	**Comments**
Agency variation determined EPR/EP3136MN/V006	19/12/2017	Variation to add a new activity
Permit review- Regulation 61 Notice sent to Operator	18/11/2021	Regulation 61 Notice requiring information for statutory review of permit.
Permit review - Regulation 61 Notice response	10/05/2022	Response received from the operator.
Permit Review - Application (variation and consolidation) EPR/EP3136MN/V007	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Chemical waste: appropriate measures for permitted facilities published 18 November 2020.
Notified of change of Company Registered Office (EPR/EP3136MN/V008)	09/12/2023	Registered office changed to Scarisbrick Hall Southport Road Scarisbrick Ormskirk L40 9RQ.
Variation issued EPR/EP3136MN/V008	05/12/2023	Varied permit issued to MTB (Midlands) Ltd.
Request for information (RFI) EPR/EP3136MN/V007	03/09/2024	Descriptions of permitted activities, storage infrastructure, tonnages and capacities for waste treatment, questions relating to compliance with appropriate measures and BAT-AELs, questions relating to medium combustion plant.
Request for information (RFI) EPR/EP3136MN/V007	21/10/2024	Review of waste (EWC) codes.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/EP3136MN/V007	29/07/2025	Varied and consolidated permit issued.

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/EP3136MN

Issued to

MTB (Midlands) Limited ("the operator")

whose registered office is

Scarisbrick Hall
Southport Road
Scarisbrick,
Ormskirk.
L40 9RQ

company registration number **03574368**

to operate regulated facilities at

MTB (Midlands) - Cradley Heath.
88 Station Road,
Cradley Heath,
West Midlands,
B64 6PL

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

Name	Date
Anne Lloyd	**29/07/2025**

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/EP3136MN

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3136MN/V007 authorising,

MTB (Midlands) Limited ("the operator"),

whose registered office is

Scarisbrick Hall
Southport Road
Scarisbrick,
Ormskirk.
L40 9RQ

company registration number **03574368**

to operate an installation and waste operations at

MTB (Midlands) - Cradley Heath.
88 Station Road,
Cradley Heath,
West Midlands,
B64 6PL

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

Name	Date
Anne Lloyd	**29/07/2025**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

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

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table(s) S2.2 to S2.4 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 For the following activities referenced in schedule 1 table S1.1 (AR4):

(a) the operator must keep periods of start-up and shut down of the combustion plant as short as possible.

(b) there shall be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.

2.4 Hazardous waste storage and treatment

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

2.5 Improvement programme

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

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

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

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the

operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

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

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

(b) process monitoring specified in table S3.3.

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

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

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

3.5.5 For the following activities referenced in Schedule 1 Table S1.1 (AR4):

(a) For existing MCP Monitoring measurements shall be carried out before the relevant compliance date or within four months of the issue date of this permit whichever is the later.

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.

3.7 Fire prevention

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

4 Information

4.1 Records

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

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

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

4.2 Reporting

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

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

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production/treatment data set out in schedule 4 table S4.2;

(c) a record of the type and quantity of fuel used and the total annual operating hours for each MCP; and

(d) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

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

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

4.3 Notifications

4.3.1 In the event:

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

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

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

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

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

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

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	Section 5.3A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Recovery of oils from oily wastes. R3 - Recycling/reclamation of organic substances which are not used as solvents	From treatment of oily wastes in tanks in the tank farm, enclosed decanter centrifuge and enclosed vibrating screen shown on the plan (figure 2) in schedule 7, to storage of processed water in tanks in the tank farm prior to treatment via AR2 and storage of waste oils in tanks in the tank farm prior to transfer off-site for further treatment. Treatment involves heating, addition of de-emulsifiers, phase separation, filtration/ultrafiltration (in the warehouse) and gravity settlement. No more than 729 tonnes per day of hazardous waste shall be treated. The following wastes shall not be blended or mixed: • wastes which react with one another • wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery • oils where this could negatively affect their regeneration or recycling • waste to deliberately dilute it Treatment shall take place in the dedicated areas on an impermeable surface with sealed drainage. Processed waste oils shall be stored on an impermeable surface with sealed drainage for no longer than 3 months. No more than 480 tonnes of hazardous waste shall be stored on site at any one time. No waste types shall be submitted to this activity other than those specified in schedule 2, S2.2

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**
AR2	S5.4A(1)(a)(ii) Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment.	Treatment of non-hazardous aqueous wastes pending disposal. D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12.	From treatment of aqueous wastes involving ultrafiltration and/or filtration in the warehouse (figure 2 in Schedule 7) to storage of processed waters prior to discharge to sewer and storage of oils and sludges pending transfer off-site. No more than 200 tonnes per day of non-hazardous waste shall be treated. The following wastes shall not be blended or mixed: • wastes which react with one another • wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery • oils where this could negatively affect their regeneration or recycling • waste to deliberately dilute it Treatment shall take place in the dedicated areas on an impermeable surface with sealed drainage. Processed water and sludges shall be stored in tanks in the tank farm shown in figure 2, schedule 7, pending transfer off-site, on an impermeable surface for no longer than 6 months. No more than 140 tonnes of non-hazardous waste shall be stored on site at any one time. No waste types shall be submitted to this activity other than those specified in schedule 2, S2.3 and effluents derived from on-site treatment under AR1 or contaminated surface water run-off.

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**
AR3	Section 5.6A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes	Temporary storage of hazardous waste. R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced).	From receipt and storage of hazardous waste in the tank farm (shown in Schedule 7, Figure 2) to its treatment or transfer off-site pending further treatment or disposal. The amount of hazardous waste stored on site at any one time shall not exceed 480 tonnes. Wastes shall be stored in tanks in the tank farm as shown on the site plan (figure 2) in Schedule 7. Hazardous wastes shall be stored for no longer than 3 months. No waste types shall be submitted to this activity other than those wastes specified in schedule 2, table S2.4.
Directly Associated Activities			
AR4	Steam supplied from operation of a Schedule 25A Medium Combustion Plant	Operation of a 1.18 MWth boiler fired on gas oil which is an existing MCP to produce steam.	From receipt of fuel to release of products of combustion to air. Limits to the use of raw materials are specified in schedule 2, table S2.1.
AR5	Raw material handling and storage.	Raw material handling and storage.	From receipt and storage to point of use.
AR6	Process and surface water collection, storage and discharge.	Collection and storage of process water from AR1 and AR2 in Tanks 4 and D and surface water run-off prior to discharge to foul sewer.	From the collection of process water from AR1 and AR2 in storage tanks 4 and D shown in Figure 2, Schedule 7 and surface water run-off, to transfer off-site for disposal or recovery or discharge to sewer via oil/water separators.
AR7	Temporary storage of non-hazardous waste pending on-site treatment.	Temporary storage of non-hazardous waste pending on-site treatment through activity AR2.	From receipt and storage of non-hazardous wastes in the tank farm to their treatment through activity AR2. The amount of non-hazardous waste stored on site at any one time shall not exceed 140 tonnes. Wastes shall be stored in tanks in the tank farm as shown on the site plan (figure 2) in Schedule 7. Non-hazardous wastes shall be stored for no longer than 6 months.

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**
			No waste types shall be submitted to this activity other than those wastes specified in schedule 2, table S2.3.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	The response to section 2.1 and 2.2, excluding 2.2.1 and 2.2.10 in the Application.	29/01/07
Schedule 4 Notice Request dated 03/08/07	Responses to questions 1, 2, 3, 5, 6, 8 and 9 of the Notice.	11/09/07
Additional information	Responses to all questions in my email dated 04/10/07	16/10/07
Application: EPR/EP3136MN/V006	The responses to section C3	12/05/17
Additional information to the application	Responses to questions 3,4 and 5	11/10/17
Additional information to the application	Responses to questions 1	08/12/17
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply to the relevant activities other than: • those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier).	10/05/2022
Non-hazardous and inert waste: appropriate measures for permitted facilities Version published on 12 July 2021.	All parts of the appropriate measures guidance shall apply to the relevant activities other than: • those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier).	10/05/2022
Additional information supplied with Reg61 submission	MTB drainage plan 'Item 7d MTB_04_DRNG' dated May 2022.	10/05/2022
Additional information	Response to our request for information dated 03/09/2024 'Reg 61 info response Oct 2024' Parts 2 (details of activities), 4 (storage infrastructure table including tanks),	03/10/2024

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
	5 (treatment capacities), 7 (waste declaration form) and 11 (MCP details as required by Annex 1 of MCPD).	

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1-8	Previously completed and removed from the permit	-
IC9	Submit a written performance report to the Environment Agency for approval. The report must contain analytical results that demonstrate the effectiveness of the newly installed ultra filtration system, for a range of process demands over six months.	Completed on 03/05/2018
IC10 – updated emissions inventory (sewer)	The operator shall submit a written report to the Environment Agency for approval that proposes a monitoring programme to fully characterise and assess the facility's point source emissions to sewer (S1). The monitoring programme shall be designed to fulfil all the requirements of Chemical waste: appropriate measures for permitted facilities 7.2.1: *"Your facility's emissions inventory must include information about the relevant characteristics of point source emissions to water or sewer…".* The report shall: a) detail the parameters and substances that will be tested for. b) include proposals for monitoring as a minimum the following parameters: those listed in Schedule 3, Table S3.2 or present conclusive evidence to suggest any parameter is not present/relevant in the emission. c) detail the monitoring methods, equipment and frequency to be used and justify any alternatives to the methods set out in Schedule 3, Table S3.2 for monitoring the listed parameters. d) confirm with supporting evidence that the monitoring will be representative of worst-case conditions – i.e. operating with typical waste streams at maximum plant throughput. e) Establish a timetable for undertaking the monitoring. The monitoring programme shall be carried out in line with the timescale approved by the Environment Agency.	28/10/2025
IC11 H1 risk assessment (sewer)	The operator shall submit a written report to the Environment Agency for assessment and written approval as required by sections 6.4 and 7 of Chemical waste: appropriate measures for permitted facilities e.g. *6.4.2 You must assess the fate and impact of the substances emitted to water and sewer, following the Environment Agency's risk assessment guidance.* The report must include: a) the results and conclusions of the emissions monitoring and assessment undertaken in accordance with the approved monitoring programme under condition IC10. b) A comparison of the monitoring results with the limits listed in Schedule 3, Table S3.2. c) the results and conclusions from an assessment of the environmental impact of the emissions to sewer using all relevant	The report shall be submitted within 6 months from approval of the monitoring report (IC10) or as agreed in writing by the Environment Agency.

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
	parameters identified from the monitoring programme proposed under condition IC10. The assessment must screen parameters using the BAT AEL where they are set (in Table S3.2) and actual emissions monitoring data for emissions where BAT AELs are not set. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance 'Surface water pollution risk assessment for your environmental permit'. Where it is concluded that the impact of the emission may be significant or is exceeding an environment standard (e.g. an environmental quality standard): The operator shall: d) Review the BAT AELs and determine whether there is a requirement for emissions limits to be lower than the emission limit in Table S3.2 in order to prevent exceedance of environmental standards. e) Propose revised emission limits Where the proposed limits or limits listed in Table S3.2 for any parameter could be exceeded, the report must also include: f) Proposals for measures to mitigate the emission to meet the relevant emission limit such as (additional) abatement and timescales for the implementation of the measures. The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency	
IC12 H1 risk assessment (air)	The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.1 and 7 of Chemical waste: appropriate measures for permitted facilities e.g. 6.1.3 *You must assess the fate and impact of the substances emitted to air, following the Environment Agency's risk assessment methodology*. The report must include: a) The results and conclusions from an assessment of the environmental impact of the emissions to air using all relevant parameters identified in Table S3.1. The assessment must screen parameters using the BAT AEL where they are set and actual emissions monitoring data for emissions where BAT AELs are not set, and be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: Air emissions risk assessment for your environmental permit - GOV.UK Where it is concluded that the impact of the emission may be significant or is exceeding an environment standard the operator shall:	28/10/2025

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
	b) Review the BAT AELs and determine whether there is a requirement for emissions limits to be lower than the BAT AELs in order to prevent exceedance of environmental standards. c) Propose revised emission limits. Where the proposed limits or limits listed in Table S3.1 for any parameter could be exceeded, the report must also include: d) Proposals for measures to mitigate the emission to meet the relevant emission limit such as (additional) abatement and timescales for the implementation of the measures. The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency	

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Gas oil or equivalent as agreed in writing by the Environment Agency	Less than 0.1% sulphur content. Maximum storage 40,000 litres
Demulsifying agents	Maximum storage 5,000 litres

Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste oils and oily wastes (AR1)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 30,000 tonnes per year.
Exclusions	Permitted waste types for this activity are limited to wastes that contain recoverable oils.
Waste code	**Description**
05	**WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL**
05 01	**Wastes from petroleum refining**
05 01 05*	Oil spills
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
11	**WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS, NON-FERROUS HYDROMETALLURGY**
11 01	**Wastes from chemical surface treatment and coating of metals and other materials**
11 01 13*	Degreasing wastes containing hazardous substances

Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste oils and oily wastes (AR1)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 30,000 tonnes per year.
Exclusions	Permitted waste types for this activity are limited to wastes that contain recoverable oils.
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 08*	Machining emulsions and solutions containing halogens
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 01*	Aqueous washing liquids
13	**OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)**
13 01	**Waste hydraulic oils**
13 01 05*	Non-chlorinated emulsions
13 01 10*	Mineral based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	**Waste engine, gear and lubricating oils**
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 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 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 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges

Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste oils and oily wastes (AR1)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 30,000 tonnes per year.
Exclusions	Permitted waste types for this activity are limited to wastes that contain recoverable oils.
Waste code	**Description**
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 07	**Wastes from transport tanks, storage tank and barrel cleaning (except 05 and 13)**
16 07 08*	Wastes containing oil
16 10	**Aqueous liquid wastes destined for off-site treatment**
16 10 01*	Aqueous liquid wastes containing dangerous substances
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 02	**Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 07*	Oil and concentrates from separation
19 13	**wastes from soil and groundwater remediation**
19 13 07*	Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

Table S2.3 Permitted waste types and quantities for physico-chemical treatment of non-hazardous waste involving filtration/ultrafiltration (AR2)	
Maximum quantity	The total quantity of non-hazardous waste accepted onto site shall not exceed 18,250 tonnes per year.
Waste code	**Description**
10	**WASTES FROM THERMAL PROCESSES**
10 02	**Wastes from the iron and steel industry**
10 02 12	Wastes from cooling water treatment other than those mentioned in 10 02 11
10 03	**Wastes from aluminium thermal metallurgy**
10 03 28	Wastes from cooling water treatment other than those mentioned in 10 03 27
10 04	**Wastes from lead thermal metallurgy**
10 04 10	Wastes from cooling water treatment other than those mentioned in 10 04 09
10 05	**Wastes from zinc thermal metallurgy**
10 05 09	Wastes from cooling water treatment other than those mentioned in10 05 08

Table S2.3 Permitted waste types and quantities for physico-chemical treatment of non-hazardous waste involving filtration/ultrafiltration (AR2)	
Maximum quantity	The total quantity of non-hazardous waste accepted onto site shall not exceed 18,250 tonnes per year.
Waste code	**Description**
10 06	**Wastes from copper thermal metallurgy**
10 06 10	Wastes from cooling water treatment other than those mentioned in 10 06 09
10 07	**Wastes from silver, gold and platinum thermal metallurgy**
10 07 08	Wastes from cooling water treatment other than those mentioned in 10 07 07
10 08	**Wastes from other non-ferrous thermal metallurgy**
10 08 20	Wastes from cooling water treatment other than those mentioned in 10 08 19
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 03	Off-specification batches and unused products
16 03 06	Organic wastes other than those mentioned in 16 03 05
16 10	**Aqueous liquid wastes destined for off-site treatment**
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	Aqueous concentrates other than those mentioned in 16 10 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 07	**Landfill Leachate**
19 07 03	Landfill leachate other than those mentioned in 19 07 02
19 12	**Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11
19 13	**wastes from soil and groundwater remediation**
19 13 08	Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Table S2.4 Permitted waste types and quantities for storage of hazardous waste pending onward transfer (AR3)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 10,000 tonnes per year.
Waste code	**Description**
05	**WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL**
05 01	**Wastes from petroleum refining**
05 01 05*	Oil spills
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 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)**

Table S2.4 Permitted waste types and quantities for storage of hazardous waste pending onward transfer (AR3)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 10,000 tonnes per year.
Waste code	**Description**
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
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
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 08*	Machining emulsions and solutions containing halogens
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)**

Table S2.4 Permitted waste types and quantities for storage of hazardous waste pending onward transfer (AR3)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 10,000 tonnes per year.
Waste code	**Description**
12 03 01*	Aqueous washing liquids
13	**OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)**
13 01	**Waste hydraulic oils**
13 01 05*	Non-chlorinated emulsions
13 01 10*	Mineral based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	**Waste engine, gear and lubricating oils**
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 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 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 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 14*	Antifreeze fluids containing dangerous substances

Table S2.4 Permitted waste types and quantities for storage of hazardous waste pending onward transfer (AR3)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 10,000 tonnes per year.
Waste code	**Description**
16 03	**Off-specification batches and unused products**
16 03 05*	Organic wastes containing dangerous substances
16 07	**Wastes from transport tanks, storage tank and barrel cleaning (except 05 and 13)**
16 07 08*	Wastes containing oil
16 10	**Aqueous liquid wastes destined for off-site treatment**
16 10 01*	Aqueous liquid wastes containing dangerous substances
16 10 03*	Aqueous concentrates containing dangerous substances
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 dangerous substances
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 01	**Wastes from incineration or pyrolysis of waste**
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 02	**Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 07*	oil and concentrates from separation
19 07	**Landfill leachate**
19 07 02*	landfill leachate containing dangerous substances
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 dangerous substances
19 13	**wastes from soil and groundwater remediation**
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter** Note 1	**Limit (including unit)**	**Reference Period** Note 2	**Monitoring frequency**	**Monitoring standard or method**
A1 [emission point A1 on site plan in schedule 7]	Emissions from treatment/storage tanks 1 to 10 and A to D, channelled through carbon filter abatement system.	Total volatile organic compound (TVOCs)	30 mg/m^3 Note 3	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months Note 7	EN 12619
		Speciated Volatile Organic Compounds Note 4	No limit set	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months Note 7	PD CEN/TS 13649
A2 [emission point A2 on the site plan in schedule 7]	Boiler 1 fired on gas oil, 1.18MWth	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	200 mg/m3 Limit applies from 01/01/2030 Note 5, 6	Every 3 years from date of acceptance of first monitoring measurements under condition 3.5.5	Periodic	BS EN 14792
		Carbon monoxide	No limit set			BS EN 15058

Note 1: In addition the operator shall also monitor for relevant waste gas parameters as required: flow, temperature, average concentration/load values of relevant substances (e.g. organic compounds, POPs such as PCBs) flammability, lower and upper explosive limits, reactivity and other substances which may affect gas treatment or plant safety (e.g. oxygen, nitrogen, water vapour, dust).

Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.

Note 3: This limit does not apply if there are no carcinogenic, mutagenic or toxic for reproduction (CMR) substances present in the emission and the emission load is below 2 kg/h at the emission point.

Note 4: All speciated VOCs and their concentrations shall be reported.

Note 5: The first monitoring measurements shall be carried out within 4 months of the issue date of the permit or of the date when the MCP is first put into operation, whichever is later.

Note 6: Monitoring limits are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O2 content of 15% for engines and gas turbines and 3% and all other MCPs.

Note 7: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter** Note 1, Note 2	**Limit (incl. unit)**	**Reference period** Note 3	**Monitoring frequency** Note 4, Note 6	**Monitoring standard or method**
S1 - Emissions point S1 on site plan in schedule 7 – emissions to Severn Trent Water Limited to the wastewater treatment works at Roundhill prior to discharge to river Stour.	Effluent generated through on-site treatment of oils, contaminated site water run-off, and the treatment of aqueous waste through the filtration/ultra-filtration system.	Arsenic (expressed as As) Note 5	0.05 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS ISO 17378-1
		Cadmium (expressed as Cd) Note 5	0.05 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS EN ISO 5961
		Chromium (expressed as Cr) Note 5	0.15 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS EN 1233
		Hexavalent chromium (expressed as Cr(VI)) Note 5	0.1 mg/l	-	Daily	EN ISO 10304-3 EN ISO 23913
		Copper (expressed as Cu) Note 5	0.5 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Lead (expressed as Pb) Note 5	0.1 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury (expressed as Hg) Note 5	5 µg/l	-	Daily	BS EN 12846 BS EN ISO 17852
		Manganese (Mn) Note 5	No limit set	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Nickel (expressed as Ni) Note 5	0.5 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Zinc (expressed as Zn) Note 5	1 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Hydrocarbon oil index	10mg/l	-	Monthly	EN ISO 9377-2
		Benzene, toluene, ethylbenzene, xylene (BTEX) Note 5	No limit set	-	Monthly	EN ISO 15680

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

Emission point ref. & location	Source	Parameter Note 1, Note 2	Limit (incl. unit)	Reference period Note 3	Monitoring frequency Note 4, Note 6	Monitoring standard or method
		Free cyanide Note 5	0.1mg/l	-	Daily	Various EN standards (for example EN ISO 14403-1 and -2)
		Adsorbable organically bound halogens (AOX) Note 5	1 mg/l	-	Daily	EN ISO 9562
		PFOA Note 5	No limit set	-	Every 6 months	BS ISO 25101
		PFOS Note 5	No limit set	-	Every 6 months	BS ISO 25101
		Flow	No limit set	-	Reported as daily average over 1 month	V Notch System.

Note 1: In addition the operator shall also monitor for relevant waste water parameters as required for example pH, temperature, conductivity, BOD.

Note 2: The BAT-AELs may not apply if the downstream waste water treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.

Note 3: Relevant reference period:

• In the case of continuous discharge, daily average values, i.e. 24-hour flow-proportional composite samples.

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

Note 4: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable, or in the case of a batch discharge less than the minimum monitoring frequency where monitoring is carried out once per batch.

Note 5: This substance is only required to be monitored where present in the wastewater emissions inventory to be established under IC10.

Note 6: 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.

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other Specifications**
V Notch System as detailed on site plan reference MAP7	Oil & grease	Weekly	Visual	In the event of oil and/or grease being present in the final chamber of the V Notch System, the Operator shall clean the system throughout.

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**First period begins**
Emissions to air Parameters as required by condition 3.5.1.	A1	Every 6 months	1 January
	A2	Every 3 years from date of acceptance of first monitoring measurements under condition 3.5.5	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	1 January

Table S4.2 Annual production/treatment	
Parameter	**Units**
Quantity of hazardous waste oils treated for recovery	tonnes
Quantity of non-hazardous waste treated	tonnes
Quantity of wastewater discharged to sewer	tonnes
Quantity of residual waste sludge sent for further treatment	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	cubic metres
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

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

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

Use the following as needed – black is general use, red is potential use (if the site does not do activity then delete)

“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.

“blending or mixing” is the combination of wastes (other than repackaging) of the same general type (for example non-halogenated solvents or acids) having similar characteristics, in a container or bulk vessel or tank, where there is neither reaction of the mixed wastes nor evolution of gas.

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

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

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

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“pests” means birds, vermin and insects.

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

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

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

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

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

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

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

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

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

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

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

“year” means calendar year ending 31 December.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; 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 list in Schedule 2, table 2.2 – 2.5, 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.

“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.

Schedule 7 – Site plan

Figure 1: Site location and permit boundary

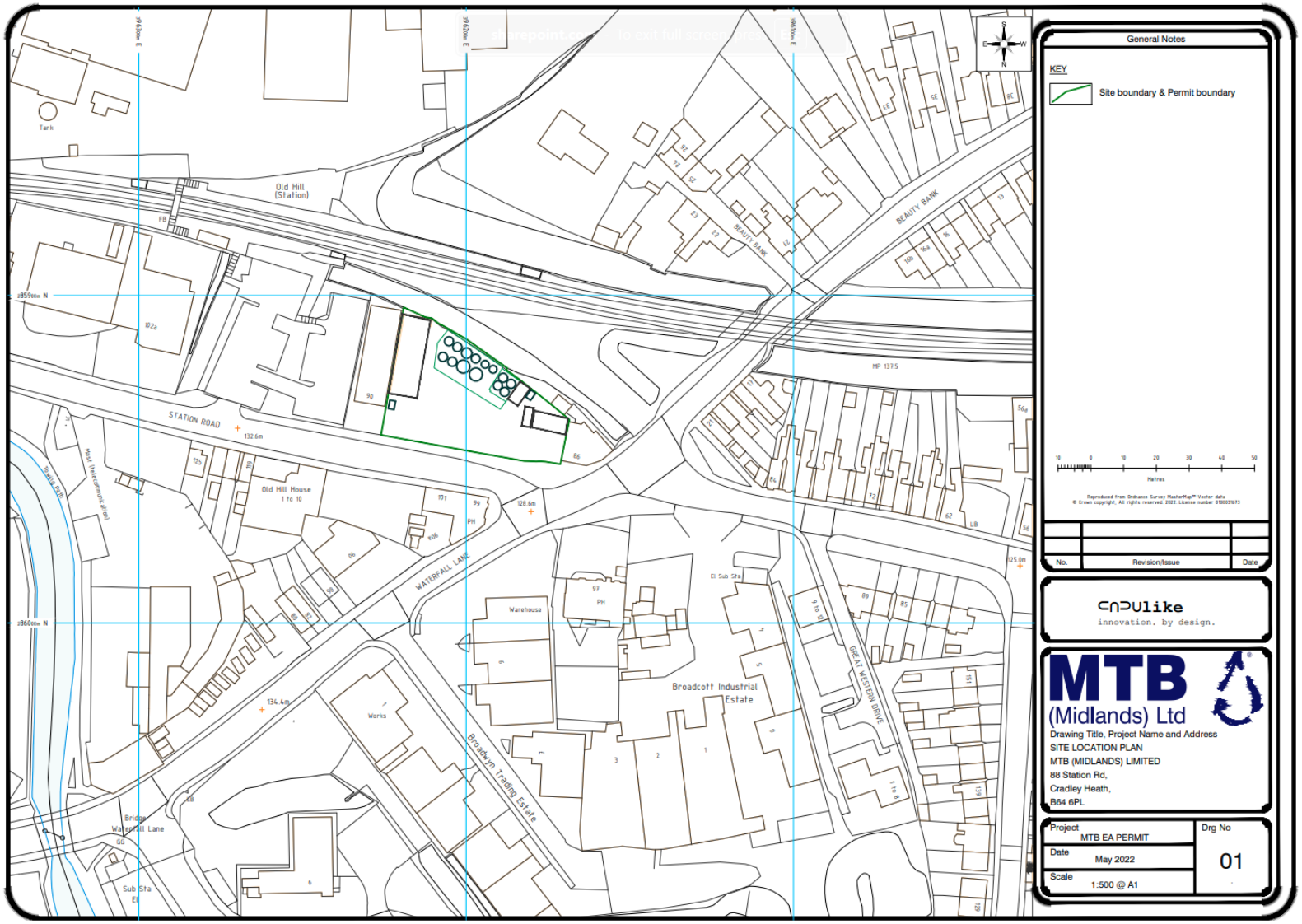
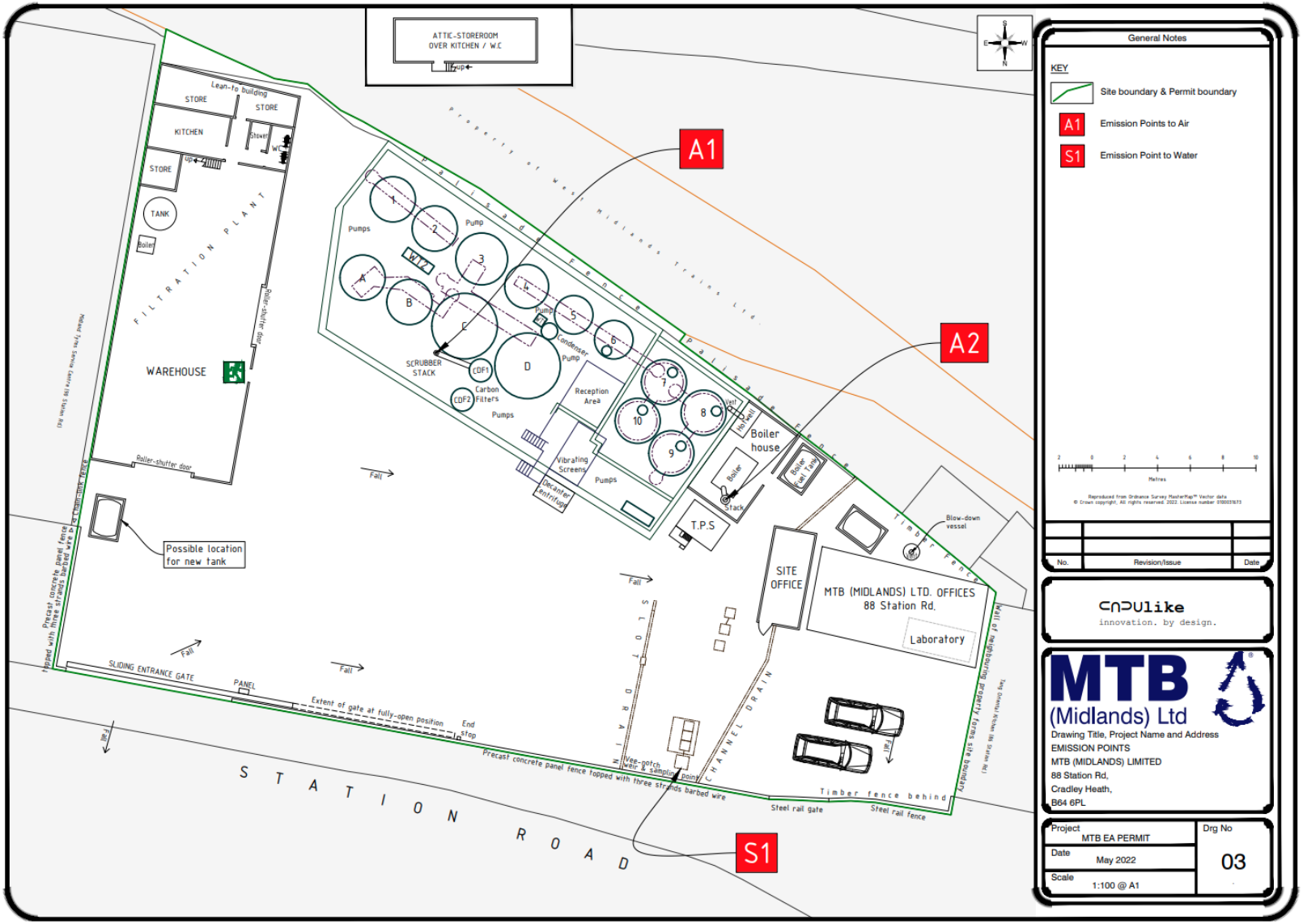


Figure 2: **Site Layout Plan including emission points**



END OF PERMIT