

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Calder Remediation Limited

North Dean Waste Recovery Facility

North Dean Business Park

Stainland Road

Halifax

HX4 8LR

Permit number

EPR/NP3329SN

North Dean Waste Recovery Facility

Permit number EPR/NP3329SN

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows:

This permit authorises the remediation of asbestos-containing soils and rubble arising from the redevelopment of brownfield sites across the UK and bioremediation of hydrocarbon-containing soils.

The regulated facility comprises:

- treatment of hazardous waste;
- temporary storage of hazardous waste;
- storage of raw materials;
- management of process effluent and uncontaminated surface (roof and clean yard) water

Treatment of waste includes:

- removal of asbestos-containing materials from contaminated soils by manual picking and screening; and
- bioremediation of hydrocarbon-impacted soils

The key stages in the process are as follows:

Remediation of asbestos-containing soils

The treatment process will be carried out in a building and comprises the removal of asbestos-containing materials from contaminated soil waste. This is achieved through a combination of screening and manual picking under a controlled environment. The process is designed to reduce asbestos levels to below 0.1% and no longer visible. This enables the material which would otherwise require hazardous landfilling to be transferred off-site for non-hazardous disposal or for use as a restoration material. It does not include the treatment of waste containing hazardous levels of fibrous asbestos (i.e., above 0.1%) but this type of asbestos will be accepted at levels below this.

The waste materials will be brought to site and placed in one of the five storage bays within the warehouse (specified based on the waste source). A retractable tarpaulin system will allow all but the bay(s) being processed to be covered. A drainage channel across the doorway of the building and sump system will collect any run-off from the storage of the incoming wastes, for transfer off site.

A wheeled loading shovel loads the waste into a pre-screen which removes oversize materials at >75 mm fraction. These oversize materials are examined and either placed in the asbestos skip or cleared for re-use and placed in an external bay pending transfer off-site. The remaining screened materials are transferred to a feed conveyor to the primary picking station within the building. In the picking station, the materials are handpicked for asbestos-containing materials (ACMs) within a controlled environment. ACMs are dropped into a dedicated covered skip placed below the picking station cabin. A local exhaust ventilation (LEV) system is included for reasons of occupational health and safety and is fitted with a HEPA filter for removal of particulates. The remaining non-ACM materials are discharged from the picking station to the trommel screen where the larger fraction (brick, concrete, stone) is removed, and the soils fraction drops out and can be tested. The larger fraction moves via covered conveyor out of the building and into a secondary picking station where the waste is again handpicked for any obvious recyclable materials (e.g. plastic). A metallic separator over the output conveyor segregates ferrous metals for recovery. The screened treated soils are stockpiled in the yard area according to the input job, pending transfer off-site for recovery. Large fractions are also stockpiled pending transfer for recovery.

Bioremediation of hydrocarbon-containing soils

The bioremediation activity will be carried out in the yard area to the east of the building and comprises the application of a microorganism and nutrient formula to the waste followed by thorough mixing, to breakdown the hydrocarbon content. The process is designed to reduce hydrocarbon contamination levels to that which allows the material to be transferred offsite for use as a restoration material. The waste materials will be brought to site and placed in one of the four bio-piles (specified based on the waste source). The bioremediation bays are under a fixed roof and a retractable tarpaulin system is fitted to enable partial enclosure of the front of the piles. The roof ensures that rainwater can be kept away from the waste and can enter the existing surface water drainage system or be captured and used in the process. The incoming material is subject to screening in an Allu bucket attached to an excavator. At the point of deposit of the material from the screening bucket, nutrients and bacterial media are added manually from a bowser and high-pressure sprayer. All loose materials in an active bio-pile will be graded up and replaced into the pile. The pile will comprise the material being pushed up against the back wall of the bays with a battered/sloped front. The roof height is the constraining factor in the height of the pile. A drainage channel along the front of the bays and sump system will collect any effluent generated from the bio-remediation process, for transfer off site. Bio-piles will be monitored during each treatment cycle which can be on a 2 or 4-week basis. Treated soils will be stored on site prior to transfer off-site.

Asbestos Waste Transfer (waste operation)

The site will receive specified asbestos waste, without any treatment. It will be received in accordance with site waste acceptance procedures and will be placed in the asbestos skip in the warehouse building, with the ACMs segregated by Activity AR1. Following this bulking activity, the waste will be transferred offsite to an appropriately licensed facility.

The entire site is constructed on impermeable concrete surfacing. The site uses a water suppression system to control dust and fugitive emissions, both inside and outside of the waste treatment building. There are no process discharges to controlled waters or sewer. Rainwater falling on the roof and clean yard run-off will be harvested for use at the site or discharged off-site. Effluent from operational waste treatment areas will be directed to two sumps and will be collected by tanker and transferred off site for disposal or recovery.

The main source of emissions to air will be from the LEVs in the treatment building and the carbon filter, which will be designed to remove any pollutants which have the potential to be emitted and to minimise odour. All emissions have been assessed in line with our technical guidance and appropriate emissions limits set in the permit. External ambient air monitoring will be carried out for dust and asbestos fibres whenever asbestos is handled on site, and continuous monitoring for PM₁₀ will also take place.

The site is approximately centred at National Grid Reference SE 09529 22095 and is located 3 km to the south of Halifax town centre. The site sits in a commercial area and occupies land that was a water treatment works. It is bounded to the south by a battery treatment facility, to the north and east by the River Calder, and to the west by a railway line and an oil storage depot. The A6026 runs through the north and east of the installation. South Pennine Moors SPA and SAC is 8 km from the installation. There are non-statutory sites (local nature reserve, local wildlife sites, ancient woodlands) within 2km of the installation.

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

Status log of the permit		
Description	Date	Comments
Application EPR/NP3329SN/A001	Duly made 28/02/2024	Application for new permit for a waste soil treatment facility.
Additional information received	07/08/2024	Response to Schedule 5 notice #1 dated 24/07/2024.
Additional information received	29/10/2024, 01/11/2024	Response to Schedule 5 notice #2 dated 09/10/2024.
Additional information received	09/01/2025	Response to Schedule 5 notice #3 dated 11/12/2024.

Status log of the permit		
Description	Date	Comments
Additional information received	16/04/2025	Response to Request for Information dated 10/04/2025.
Additional information received	29/04/2025	Updated site plan.
Permit determined EPR/NP3329SN	13/05/2025	Permit issued to Calder Remediation Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/NP3329SN

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Calder Remediation Limited ("the operator"),

whose registered office is

The Office

North Dean Business Park

Stainland Road

Halifax

HX4 8LR

company registration number 14232027

to operate an installation and waste operation at

North Dean Waste Recovery Facility

North Dean Business Park

Stainland Road

Halifax

HX4 8LR

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

Name	Date
Kate Booth	13/05/2025

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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6), 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 AR6), 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 AR6), 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 tables S2.2, S2.3 and 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.

Hazardous waste storage and treatment

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

2.4 Improvement programme

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2;
 - (b) process monitoring specified in table S3.3;
 - (c) ambient air monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

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

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (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 AR6), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

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

- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

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

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

- (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 5.3 Part A1(a)(vi) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Screening /sorting of hazardous waste. R5: Recycling/reclamation of other inorganic materials	From treatment of soils impacted with identifiable pieces of bonded asbestos, by pre-screener into oversize fractions prior to handpicking of bonded asbestos from fractions containing visible bonded asbestos to storage of recovered soils and separated bonded asbestos. Screening and handpicking shall take place on an impermeable surface with a sealed drainage system. The pre-screener shall be in an enclosed building with an abated air extraction system. Handpicking shall take place in a dedicated enclosed picking line. The screening and handpicking of asbestos impacted wastes shall not increase the asbestos fibre load in the waste. Screened soil impacted with visible asbestos shall be stored in a way that minimises asbestos fibre emissions such as spraying and sheeting. Separated bonded asbestos fragments shall be bagged whilst handpicking is in progress. Once handpicked, asbestos shall be stored double bagged in sealed, closed and locked containers. No more than 400 tonnes of hazardous waste shall be treated per day. Treated waste shall be stored for no longer than 6 months prior to transfer off-site.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			Waste types and quantities as specified in table S2.2.
AR2	Section 5.3 Part A1(a)(i) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment	Bioremediation of hazardous waste. R5: Recycling/reclamation of other inorganic materials	From receipt of waste through to storage of treated waste. All treatment shall take place under cover with a fixed roof and on an impermeable surface with a sealed drainage system. No more than 2,800 tonnes of hazardous waste shall be treated per day. Treated waste shall be stored for no longer than 6 months prior to transfer off-site. 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 • wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content • waste to deliberately dilute it Waste types and quantities as specified in table S2.3.
AR3	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Temporary storage of hazardous waste. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary	From receipt and storage of hazardous waste on site to its treatment. The amount of hazardous waste stored on site at any one time shall not exceed 2,550 tonnes. All storage shall take place on an impermeable surface with a sealed drainage system.

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
		storage, pending collection, on the site where the waste is produced).	Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers. Hazardous waste types and quantities as specified in tables S2.2 and S2.3.
Directly Associated Activity			
AR4	Raw material handling and storage.	Storage of raw materials including hydraulic oil /lubricants, surfactant, hydrogen peroxide, bioremediation treatment agents, activated carbon, diesel.	From the receipt of raw materials to despatch for use within the facility.
AR5	Surface and process water collection and storage.	Collection and storage of uncontaminated water from roofs and non-operational areas.	From the collection to re-use within the facility or discharge off-site.
		Collection and storage of process water from AR1 and AR2 treatment process in two sumps.	From the collection of process water to transfer off-site for disposal.
AR6	Abatement system	Collection and treatment of air from plant and building using abatement system – 3x HEPA filters and 1x HEPA & carbon filter prior to release to atmosphere via LEVs.	From the collection of air from site processes to treatment and release of treated air to atmosphere.
Activity reference	Description of activities for waste operations		Limits of activities
AR7	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 on site to its transfer off-site. The amount of hazardous waste stored on site at any one time shall not exceed 30 m ³ . All storage shall take place on an impermeable surface with a sealed drainage system. Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers. Waste types as specified in Table S2.4.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The operating techniques described in the application (Responses to Part B2 and B3 of the application forms and references to supporting documentation). • Application Supporting Statement – Document reference: CRL_2022.01/001-1_v1 (2 February 2023) • Appendix D: Process Flow Diagram for Activities AR1, AR2, AR3 and AR4 • Appendix F: Non-Technical Summary Document reference: CLR_2022.01/001-5_v1 • Appendix G: Environmental Risk Assessment CRL_2022.01/001-5 v1 • Appendix H: BAT Assessment CRL_2022.01/001-6 v1 Best available techniques as described in the BAT Reference Document for Waste Treatment (the BREF) and BAT conclusions.	Duly Made 28/02/2024
Response to Schedule 5 Notice #1 dated 24/07/2024	Operating techniques described in the response to Schedule 5 Notice: • Response to Question 1 (Controlled environment) • Response to Question 2 and 3 (Pre-screen and emissions from pre-screening) • Response to Question 4 (Waste containing >0.1% w/w fibrous asbestos)	07/08/2024
Response to Schedule 5 Notice #2 dated 09/10/2024	Operating techniques described in the response to Schedule 5 Notice: • Response to Question 1 (Enclosure of trommel) • Response to Question 2 (Abatement of emissions from trommel) • Response to Question 3 (Enclosure of trommel exit point and the conveyor) • Response to Question 5 (Updated site plan showing all parts of the process)	29/10/2024
Response to Schedule 5 Notice #3 dated 11/12/2024	Operating techniques described in the response to Schedule 5 Notice: • Response to Question 1 (Demonstration of compliance with BATc 14) • Response to Question 2 (Dust Management Plan)	09/01/2025
Additional information	Operating techniques described in the response to Request for Further information: • Response to Question 1 (Calculation of annual throughput of site activities) • Response to Question 2 (Waste treated at any one time) • Response to Question 3a (Waste stored at any one time) • Response to Question 3b (Justification of waste codes) • Response to Questions 4 to 6 (Waste acceptance procedures)	16/04/2025

Table S1.2 Operating techniques		
Description	Parts	Date Received
	- Response to Questions 7 to 10 (Bioremediation of hydrocarbon-contaminated soils) - Response to Questions 13 to 14 (Water for dust suppression)	

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall submit a report to the Environment Agency for assessment and written approval outlining a methodology for monitoring ambient volatile organic compounds (VOCs) and dust (including PM₁₀ and PM_{2.5}) emissions specific to AR1, AR2 and AR4 activities. The report must contain: - a methodology for monitoring ambient VOC and dust emissions - appropriate monitoring locations of ambient monitoring of ambient VOCs and dust including within the soil biopiles and external storage areas. - Proposals for action limits for ambient VOC concentrations and dust concentrations above which the operator will take action to reduce VOC and dust emissions from site activities. Provide details of how the action limits have been calculated. The operator must implement the monitoring proposals as agreed with the Environment Agency.	14/07/2025 or otherwise agreed in writing by the Environment Agency
IC2	The operator shall submit a report to the Environment Agency for written approval outlining the monitoring results for ambient VOC and dust emissions specific to AR1, AR2 and AR4 activities as per the methodology agreed under IC1. The report must contain: - At least 3 months of weekly monitoring data for ambient VOC and dust concentrations. - A comparison of ambient VOC and dust concentration monitoring data against 3 months of process monitoring data for temperature, moisture, pH and oxygen as listed in table S3.3 of this permit. - In the event the comparison of ambient VOCs and dust concentration monitoring and process monitoring data indicates site activities are influencing ambient VOC concentrations and dust concentrations, and the concentrations are above the action limits agreed under IC1, the operator shall propose measures to control the treatment conditions to ensure ambient VOC concentrations and dust concentrations remain below the action limits proposed under IC1. The operator shall outline timescales for the implementation of the proposed measures. The operator must implement the proposals in the report in line with the timescales agreed with the Environment Agency's written approval.	14/11/2025 or otherwise agreed in writing by the Environment Agency

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC3	The operator shall submit a report to the Environment Agency for written approval reviewing the process efficiency of the bioremediation process. The report shall include: • 6 months of process monitoring results specific to AR2 (bioremediation) activity. • Process monitoring of internal soil biopile conditions covering those process parameters, temperature, moisture, pH and oxygen as listed in Table S3.3 for each soil biopile batch during bioremediation. • Proposed operational target/optimum treatment ranges for each process parameter listed in Table S3.3. • Comparison of 6 months of process monitoring results against target/optimum treatment ranges. • A comprehensive review of optimisation to demonstrate how efficient the bioremediation process is. • A review of options for further optimising the soil biopile processes parameters to improve treatment efficiency throughout the year. • Proposals to optimise and improve the efficiency of the bioremediation process along with timescales for implementation. The operator shall implement the proposals in line with the timescales agreed with the Environment Agency.	14/11/2025 or otherwise agreed in writing by the Environment Agency
IC4	The operator shall carry out a review of the abatement plant on site, in order to determine whether the measures have been effective and adequate to prevent and where not possible minimise emissions released to air including but not limited to volatile organic compounds, odour and ammonia (with respect to Activity AR2). The operator shall submit a written report to the Environment Agency following this review for assessment and approval. The report shall include but not limited to the following aspects: • Full investigation and characterisation of the waste gas streams. • Abatement stack monitoring results (not limited to volatile organic compounds, odour and ammonia) • Abatement process monitoring results (not limited to volatile organic compounds, odour and ammonia) • Details of air quality quantitative impact assessment including modelling and a proposal for site-specific “action levels” (not limited to volatile organic compounds, odour concentration, hydrogen sulphide and ammonia). • Odour monitoring results at the site boundary • Records of odour complaints and odour related incidents • Recommendations for improvement including the replacement or upgrading the abatement plant • Timescales for implementation of improvements to the abatement plant	14/11/2025 or otherwise agreed in writing by the Environment Agency

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	The operator shall implement the improvements in line with the timescales as approved by the Environment Agency.	

Table S1.4 Pre-operational measures	
Reference	Pre-operational measures
1	Prior to the use of the trommel for the screening of asbestos contaminated soils under activity reference AR1, a report shall be submitted for written permission detailing the following aspects: • Evidence to demonstrate that the trommel is fully enclosed and all dust emissions are directed to an active abatement system with a HEPA filter or other suitable design • Details of the proposed commissioning, operational and maintenance procedures associated with the trommel and active abatement system to be implemented on site. • Details of monitoring checks, audits and emergency procedures to be implemented on site to ensure both the trommel and active abatement system are fully operational and working as designed. Treatment of asbestos contaminated soils under activity reference AR1 shall not commence unless the Environment Agency has given prior written permission under this condition.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for treatment of asbestos-containing soils hazardous waste (AR1 and AR3, Table S1.1)	
Maximum quantity	The total quantity of waste accepted at the site for treatment shall not exceed 114,000 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Wastes consisting solely or mainly of dusts, powders or loose fibres; • Waste liquids/sludge; • Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15; • Waste containing persistent organic pollutants (POPs) • Waste containing hydrocarbons. • Asbestos in unbound fibrous form (free chrysotile fibrous asbestos in the soil must be <0.1% w/w. Other forms or mixed forms of fibrous asbestos in the soil must be <0.01% w/w.)
Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances which are impacted with identifiable pieces of bonded asbestos (any particle of a size that can be identified as potentially being asbestos by a competent person, if examined by the naked eye)
17 06	other construction and demolition wastes
17 06 05*	soil and stones containing hazardous substances which are impacted with identifiable pieces of bonded asbestos (any particle of a size that can be identified as potentially being asbestos by a competent person, if examined by the naked eye)
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 13	
19 13 01*	solid wastes from soil remediation containing dangerous substances

Table S2.3 Permitted waste types and quantities for treatment of hydrocarbon-containing soils (AR2 and AR3, Table S1.1)	
Maximum quantity	The total quantity of waste accepted at the site for treatment shall not exceed 100,000 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Wastes consisting solely or mainly of dusts, powders or loose fibres; • Waste liquids; • Odorous wastes; • Waste containing asbestos; • Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15. • Waste containing persistent organic pollutants (POPs).
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 06*	oily sludges from maintenance operations of the plant or equipment
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
16	Wastes not otherwise specified in the list
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances
17 09	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances

Table S2.3 Permitted waste types and quantities for treatment of hydrocarbon-containing soils (AR2 and AR3, Table S1.1)	
Maximum quantity	The total quantity of waste accepted at the site for treatment shall not exceed 100,000 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Wastes consisting solely or mainly of dusts, powders or loose fibres; • Waste liquids; • Odorous wastes; • Waste containing asbestos; • Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15. • Waste containing persistent organic pollutants (POPs).
Waste code	Description
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 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 03	stabilised/solidified wastes
19 03 04*	wastes marked as hazardous, partly ¹ stabilised
19 03 06*	wastes marked as hazardous, solidified
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing dangerous substances
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 05*	sludges from groundwater remediation containing dangerous substances

¹ A waste is considered as partly stabilised if, after the stabilisation process, dangerous constituents which have not been changed completely into non-dangerous constituents could be released into the environment in the short, middle or long term.

Table S2.4 Permitted waste types and quantities for storage prior to transfer off-site (AR7, Table S1.1)	
Maximum quantity	The total quantity of waste accepted at the site for storage shall not exceed 1,500 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Wastes consisting solely or mainly of dusts, powders or loose fibres; • Waste liquids; • Odorous wastes; • Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15. • Waste containing persistent organic pollutants (POPs).
Waste code	Description
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 06	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 06 01*	insulation materials containing asbestos
17 06 05*	soil and stones containing hazardous substances which are impacted with identifiable pieces of bonded asbestos (any particle of a size that can be identified as potentially being asbestos by a competent person, if examined by the naked eye)

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in schedule 7]	HEPA filter abatement plant serving asbestos-contaminated soils waste treatment building	Asbestos fibres	0.1 fibre/ml	Hourly average	Monthly (Note 1, Note 2)	ISO 10397:1993
		Particulate matter (Dust)	5 mg/m³	Average over sample period	Once every 6 months (Note 2)	In accordance with BS EN 13284-1
A2 [Point A2 on site plan in schedule 7]	HEPA filter abatement plant serving asbestos-contaminated soils waste treatment building	Asbestos fibres	0.1 fibre/ml	Hourly average	Monthly (Note 1, Note 2)	ISO 10397:1993
		Particulate matter (Dust)	5 mg/m³	Average over sample period	Once every 6 months (Note 2)	In accordance with BS EN 13284-1
A3 [Point A3 on site plan in schedule 7]	Air extraction from Soil biopiles via carbon filter exhaust.	Hydrogen sulphide	No limit set	Average value of 3 consecutive measurements of at least 30 minutes each	Once every 6 months	CEN TS 13649 for sampling
		Total VOCs	40 mg/m³			NIOSH 6013 for analysis
		Ammonia	20 mg/m³			BS EN 12619
		Particulate matter (Dust)	5 mg/m³			EN ISO 21877
A4 [Point A4 on site plan in schedule 7]	HEPA filter abatement plant serving asbestos-contaminated soils waste treatment building	Asbestos fibres	0.1 fibre/ml	Hourly average	Monthly (Note 1, Note 2)	ISO 10397:1993
		Particulate matter (Dust)	5 mg/m³	Average over sample period	Once every 6 months (Note 2)	In accordance with BS EN 13284-1
Note 1: Monitoring may be reduced to a quarterly frequency after 12 monthly monitoring events with the written agreement of the Environment Agency.						
Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.						

Table S3.2 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source [Note 1]	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SW1 on site plan in schedule 7 emission to River Calder (SE 09557 22018)	Uncontaminated site surface water from roofs and non-operational areas	Oil and grease	No visible oil or grease	--	Weekly	Visual assessment
Note 1 – Clean surface water from roofs, or from areas of the site that are not being used in connection with storing and treating waste can be discharged directly to surface waters, or to groundwater by seepage through the soil via a soakaway.						

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
Internal for each soil biopile batch during bioremediation	Temperature	At least weekly	Temperature probe	Monitoring equipment shall be available on site and used as required to maintain aerobic conditions and ensure compliance with this permit. Equipment shall be calibrated on a 4 monthly basis or as agreed in writing by the Environment Agency.
	Moisture	At least weekly	Industry grab test as a minimum, or oven drying in accordance with BS EN 13040	
	pH	At least weekly	None specified	
	Oxygen	At least weekly	None specified	
Soil biopiles	Total Petroleum Hydrocarbons (TPH), Polycyclic Aromatic Hydrocarbons (PAHs), Total Volatile Organic (VOCs), Phenols and pH	Each completed batch of treated soil shall be sampled	--	Laboratory must be accredited to EN ISO/IEC ISO1702:2000 for the analysis specified samples to be obtained using standard sampling procedures as per BS 812.
Carbon filter(s) – Emission point A3	Carbon bed temperature – inlet and outlet	Continuous	Temperature probe	Odour abatement plant shall be managed in accordance with permit condition 3.3, the odour management plan and manufacturer's recommendations
	Gas flow rate – inlet and outlet	Continuous	Gas flow meter	
	Moisture or humidity	Daily	Moisture meter	

Table S3.3 Process monitoring requirements				
	Back pressure	Weekly	Recognised industry method	Carbon filter(s) to be replaced in accordance with manufacturer's recommendations Equipment shall be calibrated on a 4 monthly basis, or as agreed in writing by the Environment Agency.
	Efficiency assessment	Annual	Media health, air-flow distribution and emission removal efficiency (BS EN 13725 for odour removal)	

Table S3.4 Ambient air monitoring requirements					
Location or description of point of measurement	Parameter	Monitoring frequency	Limit	Monitoring standard or method	Other specifications
Monitoring points as agreed under IC1	Particulate matter PM ₁₀	Continuous	75 µg/m ³	In line with web guide 'Monitoring ambient air: techniques and standards – suspended particulate matter as PM ₁₀ or PM _{2.5} ' Published on 10 September 2024 (formerly known as TGN M17) or such other guidance as may be agreed in writing with the Environment Agency	Measured over a 5-minute averaging period.
Ambient air testing when asbestos contaminated soils are being received, handled and moved within the site as agreed under IC1. Internal monitoring points as agreed under IC1 External monitoring points as	Asbestos fibres	8 litres per min for 1 hour, or 2 litres per minute over a four-hour period during receipt, handling and movement of asbestos contaminated soil within the site.	0.01 fibres/ml. Where total fibre concentration exceeds 0.01 fibres/ml in any sample, that sample must be submitted for electron microscopy to confirm the concentration of asbestos fibres present.	In line with 'Monitoring ambient air: techniques and standards – asbestos' Published on 10 September 2024 (formerly known as TGN M17). While asbestos contaminated soils are being received, handled and moved within the site. • Pumped sampling • 1 m above ground level • Flow rate = 8 litres/minute • Minimum sample volume = 480 litres	--

Table S3.4 Ambient air monitoring requirements					
Location or description of point of measurement	Parameter	Monitoring frequency	Limit	Monitoring standard or method	Other specifications
agreed under IC1				Filter pore size = 0.8-1.2 µm Asbestos fibre limit of detection = 0.001 fibres/ml.	

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, A2, A3, A4	Every 6 months	1 January, 1 July
Process monitoring Parameters as required by condition 3.5.1	Soil biopile & Carbon filter	Annually or as agreed in writing by the Environment Agency.	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	Monitoring points as agreed under IC1.	Every quarter	1 January, 1 April, 1 July, 1 October

Table S4.2 Annual production/treatment	
Parameter	Units
Hazardous waste treated – Disposal	tonnes
Hazardous waste treated – Recovery	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Other performance parameters	Annually	tonnes per production unit

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Ambient Air Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Process monitoring	Process Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

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

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

Part B – to be submitted as soon as practicable

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

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

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

“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.

“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.

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

“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 the Waste Framework Directive.

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

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

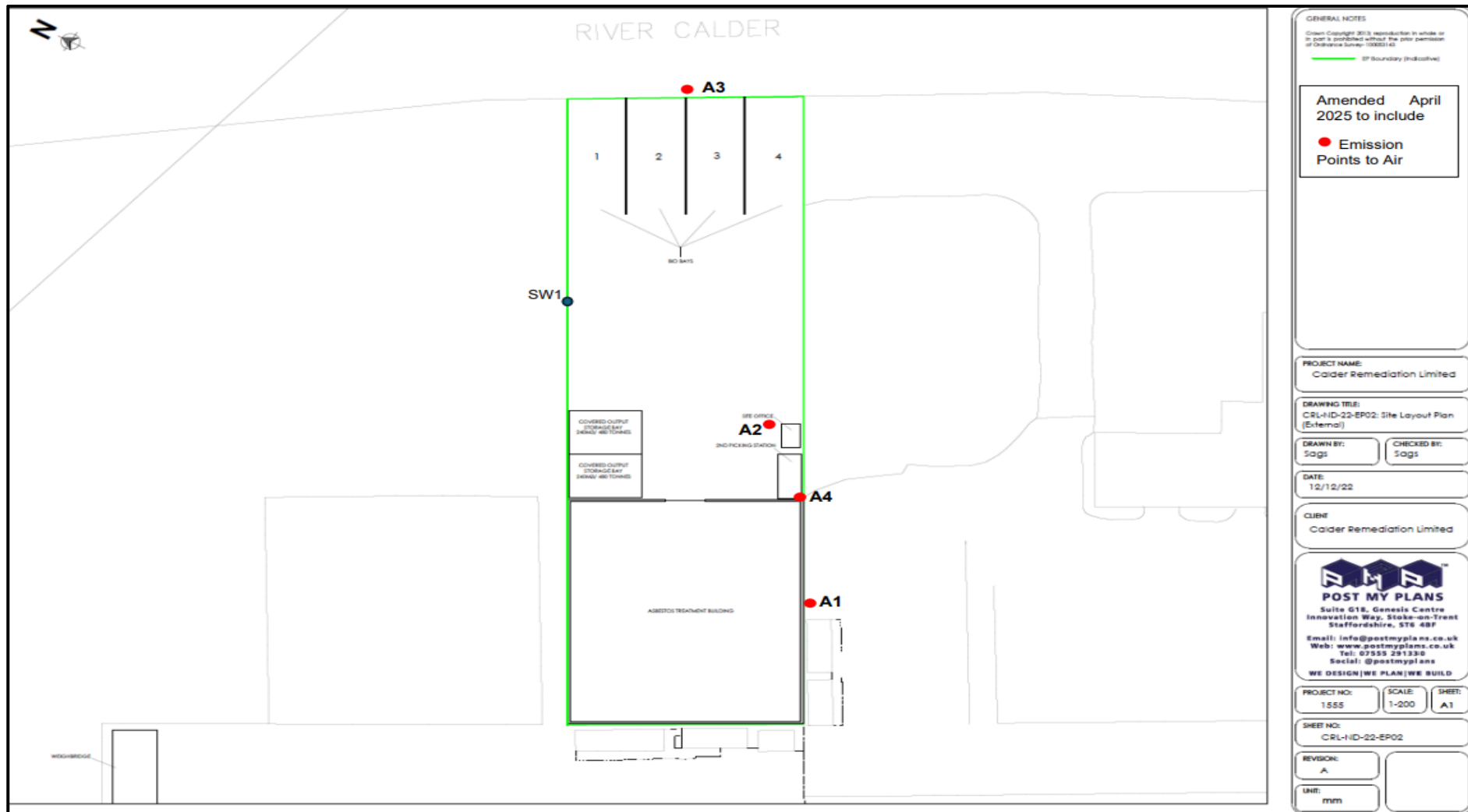
in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

'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

'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

Schedule 7 – Site plan



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