Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Waste Recycling Group (Central) Limited

Edwin Richards Quarry - Soil Treatment Centre
Portway Road
Rowley Regis
Warley
West Midlands
B65 9BT

Variation application number

EPR/HP3632RP/V005

Permit number

EPR/HP3632RP

Edwin Richards Quarry - Soil Treatment Centre
Permit number EPR/HP3632RP

Introductory note

This introductory note does not form a part of the notice

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

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

The variation amends the permit as follows:

- Increase annual tonnage by 30,000 tonnes per annum allowing an overall throughput of up to 180,000 tonnes per annum
- Remove the limits on the split of hazardous / non-hazardous waste treated at the facility allowing up to 180,000 of either hazardous and/or non-hazardous waste
- Add a new soil treatment pad extending the existing bioremediation activity into a new area within the existing permitted boundary and update emission tables accordingly with relevant limits
- Add new emissions points (A2) for the second biofilter serving the extension to the soil treatment activities and (A3) subject to preoperational condition PO1
- Add a scheduled activity (AR3) for the recovery (R5) of soils impacted with identifiable pieces of bonded asbestos by separation.
- Add the following activities for washing of non-hazardous and hazardous soils:
  - Section 5.3 Part A(1)(a)(ii) – recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment via soil washing for disposal
  - Section 5.3 Part A(1)(a)(ii) – disposal of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment via soil washing for recovery
  - Section 5.4 Part A(1)(a)(ii) - disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment via soil washing for disposal
  - Waste operation treatment of non-hazardous waste via soil washing for recovery
- Add waste tables S2.5 – S2.8 for soil washing
- Amendment to activity AR9 to increase the temporary external storage of hazardous soils to increase amount to 20,000 tonnes to accommodate 10,000 tonnes soils contaminated with heavy metals
- Undertake mechanical screening of non-hazardous soils in the area currently used for storage of non-hazardous soils
- Add improvement conditions to confirm installation of acoustic screen, monitor soil asbestos content, monitor of bioremediation processes.
- Amend preoperational condition PO1 wording
- Amend operating techniques to specify the specification for enclosure and abatement of the mechanical screening process for soil contaminated with bonded asbestos subject to preoperational condition PO1
- Amend drawing reference in Table S3.3 of the Permit to remove reference to plan 100993 – Asbestos DWG1 dated January 2018 and replace with reference to a revised Emissions Monitoring Plan reference K0182.2.003 revision C date 24/04/2025
- Add sewer discharge and associated monitoring and limits
- Add ambient air monitoring requirements
- Update process monitoring requirements and reporting requirements

- Add an emissions monitoring plan to schedule 7

The soil treatment centre will accept and treat non-hazardous and hazardous wastes prior to transfer for disposal in the neighbouring landfill.

The site will be capable of treating up to a maximum of 180,000 tonnes per annum of hazardous waste and non-hazardous waste.

The key stages processes are as follows:

- Treatment of hazardous and non-hazardous soil contaminated with hydrocarbons via bioremediation
- Treatment of hazardous and non-hazardous soil contaminated with heavy metals via soil washing
- Treatment of hazardous soil contaminated with bonded asbestos via enclosed handpicking and a mechanical screen located in a building with abatement
- Treatment of hazardous and non-hazardous soil via sorting, separation and screening for disposal

All treatment operations will take place on an impermeable pad. Operating procedures are in place to ensure hazardous and non-hazardous wastes are not mixed.

The main sources of emissions are:

- Emission to air from biofilters, which will be designed to remove any pollutants which have the potential to be emitted and to minimise odour
- Emission to air from abatement system (subject to Preoperational Condition PO1)
- Emissions to Sewer

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 EPR/HP3632RP/A001	Duly made 08/02/16	Application for new permit for a waste soil treatment facility.
Additional information received response to schedule 5 notice	10/05/16	Additional information, including; site drainage plans.
Additional information received response to schedule 5 notice and request for additional information.	23/06/16	Additional information, including; confirmation of waste types and biopile monitoring parameters.
Additional information received response to schedule 5 notice	30/06/16	Email confirming destination of uncontaminated surface water runoff.
Permit determined EPR/HP3632RP	25/07/16	Permit issued to Waste Recycling Group (Central) Limited.
Application EPR/HP3632RP/V002 (variation and consolidation)	Duly made 16/11/17	Application to vary the permit to add hand picking of identifiable pieces of bonded asbestos from waste soil. Waste code 19 12 07 is also added to Table S2.3 for the bioremediation process. As part of this variation a consolidated permit has been issued.
Variation determined EPR/HP3632RP/V002	26/02/18	Varied permit issued.
Application EPR/HP3632RP/V003 (variation and consolidation)	Duly made on 05/11/19	Application to • Amend the split of hazardous / non-hazardous waste treated at the facility;

Status log of the permit		
Description	**Date**	**Comments**
		• Permit acceptance of wastes classified as hazardous HP10 (toxic for reproduction); • Addition of EWC Codes 19 12 11* and 19 12 12 to Table S2.3; • Addition of code R5 to Table S1.1 to enable equivalent treatment activities to S5.3 A(1)(a)(i) and S5.4 A(1)(b)(i) for recovery as well as disposal; • Increase of non-hazardous waste storage limit from 100,000 tonnes to 150,000 tonnes; • Amendment to Table S1.1 Activity S5.6 A(1)(a) or addition of a new activity for the temporary external storage of up to 10,000 tonnes untreated hazardous soils containing asbestos pending further treatment or transfer off-site; • Permission to pre-screen soils containing bound asbestos debris; and, • Removal of the dewatering and solidification activities.
Additional information received response to schedule 5 notice	22/06/20, 26/06/20 & 14/07/20	Letters with responses including, removal of EWC codes 17 09 03* & 17 09 04 to Table S2.6 from the application and 30 M^3 limit of storage of waste woodchip only.
Additional information received response to schedule 5 notice	16/07/20	Letter with responses including drawing no. 100993 – Asbestos DWG2/Rev 2 dated June 2020 (drainage plan) and a revised H1 assessment in connection with water discharges from the site.
Additional information received response to schedule 5 notice	02/11/20	Email requesting a change in annual throughput for both hazardous and non-hazardous wastes. Other documents submitted: - An updated Environmental Risk assessment, Emissions management and monitoring plan including drawing no.100993 – Asbestos DWG3/Rev1 dated October 2020, An updated technical report, and An updated technical standards document.
Additional information received	13/05/21	Email with confirmation of waste types that can only be treated for disposal purposes in the bioremediation process.
Variation determined EPR/HP3632RP/V003	02/06/21	Varied permit issued.
Application EPR/HP3632RP/V005 (variation and consolidation)	Duly made 12/01/24	Application to vary bioremediation and screening process, add soil washing facility, remove restrictions on screening soils containing bonded asbestos and update the permit to modern conditions.
Additional information received	11/03/24	Noise impact assessment details.

Status log of the permit		
Description	**Date**	**Comments**
Additional information received response to schedule 5 notice	12/06/24	Biopile management, site surfacing, waste codes, odour management, sewer discharge monitoring and risk assessment. Revised odour management plan.
Additional information received response to schedule 5 notice	12/06/24	Dust management and controls. Revised fugitive emissions management plan.
Additional information received	15/07/24	H1 assessment mercury justification, use of nephelometers, covering biopiles, confirmation of air emission points.
Additional information received	03/09/24	Bioremediation process operational data.
Additional information received	24/04/25	Confirmation of incorporation of documents for building enclosure and abatement specification and change to monitoring plan in schedule 7. Confirmed no change to surfacing documents as a result of appeal submission on other sites.
Variation determined and consolidation issued EPR/HP3632RP	22/07/25	Varied and consolidated permit issued in modern format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/HP3632RP

Issued to

Waste Recycling Group (Central) Limited ("the operator")

whose registered office is

3 Sidings Court
White Rose Way
Doncaster
DN4 5NU

company registration number 04000033

to operate regulated facilities at

Edwin Richards Quarry - Soil Treatment Centre
Portway Road
Rowley Regis
Warley
West Midlands
B65 9BT

to the extent set out in the schedules.

The notice shall take effect from 22/07/2025

Name	Date
Anne Lloyd	22/07/2025

Authorised on behalf of the Environment Agency

Schedule 1

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

Amendment	**comment**
Conditions 1.2.1, 1.3.1, 2.1.2, 2.3.1, 4.2.2	Amended to add preamble as waste operation added to permit
Condition 2.3.4	Added reference to tables S2.5, S2.6, S2.7, S2.8
Condition 3.5.1	Added reference to ambient air monitoring table S3.3 and update referencing
Table S1.1	Amend activity AR2 and AR9 to revise limits on treating and storing soils containing bonded asbestos Added activity AR3 (Section 5.3 Part A(1)(a)(vi)) to allow treating soils containing bonded asbestos for recovery with associated limits Added activity AR10, AR11 for a hazardous soil washing installation Added activity AR12 for a non-hazardous soil washing installation for disposal Added Activity AR18 for a non-hazardous soil washing installation for recovery Updated tonnages in limits of activities
Table S1.2	Update operating techniques and reference revised management plans and additional information responses Added enclosed building and abatement specification Added revised monitoring plan
Table S1.3	Added IC2 for asbestos fibre sampling Added IC3 for noise acoustic screen Added IC4, IC5 for emissions and process control for the bioremediation activity
Table S1.4	Preoperational condition PO1 is retained and amended to improve the functionality of the condition
Tables S2.2, S2.3, S2.4	Update referencing, tonnage limits, exclusions and dual coded asbestos waste codes
Table S2.5	Added to list hazardous waste codes to be accepted for treatment in soil washing installation for disposal

Table S2.6	Added to list hazardous waste codes to be accepted for treatment in soil washing installation for recovery
Table S2.7	Added to list non-hazardous waste codes to be accepted for treatment in soil washing installation for disposal
Table S2.8	Added to list non-hazardous waste codes to be accepted for treatment in soil washing waste operation for recovery
Table S3.1	Amended to add biofilter number 2 emission point A2 and update associated limits and monitoring Amended to add A3 building air extraction point with location to be confirmed under preoperational condition PO1
Table S3.2	Amended monitoring and limits for discharge to sewer
Table S3.3	Added to list ambient air monitoring requirements for asbestos fibres Reference ambient dust and VOC monitoring subject to improvement conditions
Table S3.4	Amended to remove ambient air monitoring and update process monitoring requirements for biofilters and bioremediation Added soil washing process monitoring
Table S4.1	Amended to update emissions points to air, add emissions point to sewer, add process monitoring and amend ambient air monitoring
Table S4.4	Amended to update reporting for references
Schedule 6	Added interpretations
Schedule 7	Added emissions monitoring plan

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/HP3632RP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/HP3632RP/V005 authorising,

Waste Recycling Group (Central) Limited ("the operator"),

whose registered office is

3 Sidings Court
White Rose Way
Doncaster
DN4 5NU

company registration number 04000033

to operate an installation and waste operations at

Edwin Richards Quarry - Soil Treatment Centre
Portway Road
Rowley Regis
Warley
West Midlands
B65 9BT

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

Name	Date
Anne Lloyd	22/07/2025

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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR17) 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 AR17) 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 AR17) 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. S2.4, S2.5. S2.6, S2.7 and S2.8.

(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.

2.5 Pre-operational conditions

2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

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

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

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

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

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

3.3 Odour

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

3.4 Noise and vibration

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

3.5 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) ambient air monitoring specified in table S3.3;

(c) process 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, S3.2, S3.3, S3.4 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 AR17) 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 No. and activity description	**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 - Physical treatment of hazardous waste	S5.3 Part A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment **D9:** Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	From receipt of hazardous waste to despatch for other on-site operations or off-site disposal. Physical treatment consisting of sorting, separation and screening of hazardous waste (other than asbestos contained soils). All treatment and storage shall take place on an impermeable surface with a sealed drainage system. Temporary storage of hazardous waste following treatment for off-site disposal. The hazardous waste specified in table S2.2.
AR2 - Removal of bonded asbestos from soils	S5.3 Part A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. **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 soils impacted with identifiable pieces of bonded asbestos, by handpicking of bonded asbestos only, or by 3-way mechanical screener into oversize, medium size and silt-sized fractions prior to handpicking of bonded asbestos from fractions containing visible bonded asbestos prior to being subject to bioremediation and soil washing or sent off-site for disposal. Screening and handpicking shall take place on an impermeable surface with a sealed drainage system. The screener shall be in an enclosed building with an abated air extraction system as described in ‘Specification for an Enclosed Building with Extraction and Abatement K0182/TN/01’’ listed in Table S1.2.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
			Handpicking shall take place in a dedicated enclosed picking line. Screened soil impacted with 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. The screening and handpicking of asbestos impacted wastes shall not increase the asbestos fibre load in the waste. Treated waste shall be stored for no longer than 6 months prior to transfer off-site. No more than 10 tonnes of picked asbestos shall be stored on site. Non-hazardous treated soils shall be kept separate from hazardous soils. Waste types and quantities as specified in table S2.4.
AR3 - Recovery of soils impacted with identifiable pieces of bonded asbestos by separation.	S5.3 Part A(1)(a)(vi)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. **R5** - Recycling/reclamation of other inorganic materials.	From treatment of soils impacted with identifiable pieces of bonded asbestos, by handpicking of bonded asbestos only, or by 3-way screener into oversize, medium size and silt-sized fractions prior to handpicking of bonded asbestos from fractions containing visible bonded asbestos, prior to being subject to bioremediation and soil washing, transfer to the landfill for use in restoration or sent off-site for recovery.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
			Screening and handpicking shall take place on an impermeable surface with a sealed drainage system. The screener shall be in an enclosed building with an abated air extraction system as described in 'Specification for an Enclosed Building with Extraction and Abatement K0182/TN/01' listed in table S1.2. Handpicking shall take place in a dedicated enclosed picking line. Screened soil impacted with asbestos shall be stored in a way that minimises asbestos fibre emissions such as within a building, 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. The screening and handpicking of asbestos impacted wastes shall not increase the asbestos fibre load in the waste. Treated waste shall be stored for no longer than 6 months prior to transfer off-site or to the landfill for use in restoration. No more than 10 tonnes of picked asbestos shall be stored on site. Non-hazardous treated soils shall be kept separate from hazardous soils. Waste types and quantities as specified in table S2.4.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
AR4 - Physical treatment of non-hazardous waste	S5.4 Part A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving physico-chemical treatment **D9**: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	From receipt of non-hazardous waste to despatch for other on-site operations or off-site disposal. Physical treatment consisting of sorting, separation, screening and crushing of non-hazardous waste. Temporary storage of non-hazardous waste following treatment prior to further treatment on site or off-site disposal. The non-hazardous wastes specified in table S2.2.
AR5 **-** Bioremediation of hazardous waste for disposal	S5.3 Part A(1)(a)(i)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment **D8:** Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Bioremediation process for hazardous waste. All treatment and storage shall take place on an impermeable surface with a sealed drainage system Temporary storage of hazardous waste following bioremediation, pending further treatment on-site or off-site disposal. The following wastes shall not be blended or mixed: • waste to deliberately dilute it No more than 60,000 tonnes shall be treated at any one time in aggregate with AR5, AR6, AR7 and AR8. The hazardous waste specified in table S2.3.

Table S1.1 activities			
Activity Reference No. and activity description	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR6 - Bioremediation of hazardous waste for recovery	S5.3 Part A(1)(a)(i)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment **R5:** Recycling/reclamation of other inorganic materials via Biological treatment.	Bioremediation process for hazardous waste. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. The following wastes shall not be blended or mixed: • wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery • waste to deliberately dilute it Temporary storage of hazardous waste following bioremediation, pending further treatment on-site or off-site recovery. No more than 60,000 tonnes shall be treated at any one time in aggregate with AR5, AR6, AR7 and AR8. The hazardous waste specified in table S2.3. Notwithstanding the above, the following waste EWC codes shall not be treated for recovery purposes: 19 02 04*, 19 02 05*, 19 02 11* & 19 12 11*.
AR7 - Bioremediation of non-hazardous waste for disposal	S5.4 Part A(1)(a)(i)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving biological treatment **D8:** Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Bioremediation process for non-hazardous waste. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. Temporary storage of non-hazardous waste following bioremediation, pending further treatment on-site or off-site disposal. The following wastes shall not be blended or mixed: • waste to deliberately dilute it

Table S1.1 activities			
Activity Reference No. and activity description	**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 more than 60,000 tonnes shall be treated at any one time in aggregate with AR5, AR6, AR7 and AR8. The non-hazardous wastes specified in table S2.3.
AR8 - Bioremediation of non-hazardous waste for recovery	S5.4 Part A(1)(b)(i)	Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment **R5:** Recycling/reclamation of other inorganic materials via Biological treatment	Bioremediation process for non-hazardous waste. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. The following wastes shall not be blended or mixed: • wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery • waste to deliberately dilute it Temporary storage of non-hazardous waste following bioremediation, pending further treatment on-site or for recovery. No more than 60,000 tonnes shall be treated at any one time in aggregate with AR5, AR6, AR7 and AR8. The non-hazardous wastes specified in table S2.3. Notwithstanding the above, the following waste EWC codes shall not be treated for recovery purposes: 19 02 03 & 19 12 12.
AR9 - Temporary storage of hazardous waste pending treatment on site.	S5.6 Part A(1)(a)	The temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in sections 5.1, 5.2 and 5.3. **D15:** Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection,	Temporary storage of hazardous waste pending treatment on site under activities AR1, AR2, AR3, AR5, AR6, AR10, AR11. All hazardous waste shall be stored on an impermeable surface with a sealed drainage system.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
		on the site where it is produced) **R13**: Storage of waste pending the operations numbered R1 and R13 (excluding temporary storage, pending collection, on the site where it is produced)	Soil impacted with visible asbestos shall be stored in a way that minimises asbestos fibre emissions such as within a building, spraying and sheeting. The maximum amount of hazardous soil to be stored externally shall not exceed 20,000 tonnes. Asbestos removed from the soil shall be double-bagged and stored in a sealed locked skip. Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal. Hazardous wastes as specified in tables S2.2, S2.3, S2.4, S2.5, and S2.6.
AR10 - Washing of hazardous waste soil for disposal	S5.3 Part A(1)(a)(ii)	Disposal of hazardous waste with a capacity exceeding 10 tonnes per day by physico-chemical treatment. **D9** - Physico-chemical treatment of hazardous waste for disposal.	From treatment of hazardous waste soils by soils washing in a soil washing plant located in the soil washing area as shown on the plan in schedule 7 to storage of treated soils for disposal offsite. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. No more than 2000 tonnes per day of waste shall be treated in aggregate with AR10, AR11, AR12 and AR18. Hazardous wastes as specified in table S2.5.
AR11 Washing of hazardous waste soil for recovery	S5.3 Part A(1)(a)(vi)	Recovery of hazardous waste with a capacity exceeding 10 tonnes per day by recycling or reclamation of inorganic materials other than metals or metal compounds.	From treatment of hazardous waste soils by soils washing in a soil washing plant located in the soil washing area as shown on the plan in schedule 7 to storage of treated soils for transfer to the landfill for use in restoration or recovery offsite.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
		R5 - Recycling/reclamation of other inorganic compounds.	All treatment and storage shall take place on an impermeable surface with a sealed drainage system. No more than 2000 tonnes per day of waste shall be treated in aggregate with AR10, AR11, AR12 and AR18. Hazardous wastes as specified in table S2.6.
AR12 Washing of non-hazardous waste soil for disposal	S5.4 Part A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment. **D9** - Physico-chemical treatment of non-hazardous waste in the soil washing plant for disposal.	From treatment of non-hazardous waste soils by soils washing in a soil washing plant located in the soil washing area as shown on the plan in schedule 7 to storage of treated soils for disposal offsite. The soil washing plant shall be cleaned between differing hazardous and non-hazardous batch treatments to prevent cross contamination. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. No more than 2000 tonnes per day of waste shall be treated in aggregate with AR10, AR11, AR12 and AR18. Non-hazardous waste as specified in table S2.7.
Directly Associated Activity			
AR13	Fuel storage	Storage of diesel.	From receipt of fuel to use on-site for power generation
AR14	Water storage	Collection and storage of process water	From collection of process water to re-use within the facility or discharge to foul sewer.
AR15	Waste storage	Temporary storage of non-hazardous waste **D15:** Storage pending any of the operations numbered D1	Temporary storage of non-hazardous waste prior to treatment on site under activities AR4, AR7, AR8 and AR12 above.

Table S1.1 activities			
Activity Reference No. and activity description	**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**
		to D14 (excluding temporary storage, pending collection, on the site where it is produced) **R13**: Storage of waste pending the operations numbered R1 and R13 (excluding temporary storage, pending collection, on the site where it is produced)	The maximum tonnage of non-hazardous waste stored on site, at any one time, shall not exceed 150,000 tonnes. Notwithstanding the above, the maximum volume of combustible waste (wood) on site at any one time shall not exceed 30m^3. Storage of combustible waste shall take place on an impermeable surface with a sealed drainage system Non-hazardous wastes specified in table S2.2, S2.3 and 2.7.
AR16	Raw material storage	Temporary storage of raw materials including solidifying agents such as ash prior to use in the solidification process.	From the receipt of raw materials to despatch for use within the facility.
AR17	Effluent treatment plant	Treatment of process water prior and the re-use of such water on site to discharge from the site.	All treatment, storage and addition of flocculants shall take place on an impermeable surface with a sealed drainage system.

Activity reference	**Description of activities for waste operations**	**Limits of activities**
AR18	**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) **R5:** Recycling/reclamation of other inorganic compounds	From treatment of non-hazardous waste soils by soils washing in a soil washing plant located in the soil washing area as shown on the plan in schedule 7 to storage of treated soils for transfer to the landfill for use in restoration or recovery offsite. The soil washing plant shall be cleaned between differing hazardous and non-hazardous batch treatments to prevent cross contamination. All treatment and storage shall take place on an impermeable surface with a sealed drainage system. No more than 2000 tonnes per day of waste shall be treated in aggregate with AR10, AR11, AR12 and AR18. Non-hazardous waste as specified in table S2.8.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/HP3632RP/A001	Application forms B2 and B3 and referenced supporting information. Excluding waste code 17 06 05* for the Soil Treatment Centre Waste Types in Table 3.3 (Page 36) dated 27 November 2015. Excluding the woody waste limit of <1% of the biopiles volume.	Duly Made 08/02/2016
Response to schedule 5 notice EPR/HP3632RP/A001	All parts, including; hazardous and non-hazardous waste treatment and storage procedures. Excluding waste code 17 06 05* for the Soil Treatment Centre Waste Types Accepted for Physical Treatment in Table A1 (Page 11) of the Schedule 5 Response dated 10 May 2016.	10/05/16
Response to schedule 5 notice and request for additional information. EPR/HP3632RP/A001	All parts, including; confirmation of biopile performance parameter monitoring regime.	23/06/16
Response to schedule 5 notice EPR/HP3632RP/A001	Confirmation of surface water drainage destination.	30/06/16
Application EPR/HP3632RP/V002	Application form C3 section 3a – technical standards and referenced supporting information.	Duly Made 16/11/17
Response to Schedule 5 Notice dated 15/01/18	All parts document reference: 3483/L/007/05.	29/01/18
Application EPR/HP3632RP/V003	Application form C3 section 3a – technical standards and referenced supporting information. Odour Management plan ref 4236/R/006/2 Dust Management Plan ref 4236/R/005/2	Duly Made 05/11/19
Response to Schedule 5 Notice dated 28/09/2020	An updated Environmental Risk assessment, Emissions management and monitoring plan amendment, An updated technical report, and An updated technical standards document.	02/11/20
Additional information	Email with confirmation of waste types that can only be treated for disposal purposes in the bioremediation process.	13/05/21
Application EPR/HP3632RP/V005	Application form Part C3 section 3a – technical standards and referenced supporting information. Noise and Vibration Management Plan Report No. K0182-BLA-R-ENV-00007.	12/01/24
Additional information	Noise impact assessment parameters clarified including operating hours, background, weekends, sound source.	11/03/24
Response to Schedule 5 Notice dated 16/05/2024	Response to questions 1 Biopile size and profile 2 Biopile turning moisture and fugitives emissions control 3 Biofilter maintenance 4 Site surfacing 7 Odour training	12/06/24

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
	8 odour potential 9 high risk wastes Revised Odour management plan Report No. K0182-BLA-R-ENV-00006.	
Response to Schedule 5 Notice dated 16/05/2024	Response to questions 1 wheel wash 2 site surfacing 3 house keeping 4 tipping and dust 5 processing in high winds 6 vehicle idling 7 use of spray rails 8 dust suppression availability 9 contingency measures 10 dust monitoring 11 visual monitoring 12 control outside operational hours 13 complaints procedures and measures 15 remedial measures for dust emissions Revised Fugitive Emissions Management Plan for Dust Ref Report No. K0182-BLA-R-ENV-00005.	12/06/24
Additional information	Use of Nephelometers to supplement dust monitoring. Emissions monitoring plan reference K0182.2.003.	15/07/24
Additional information	Specification for an Enclosed Building with Extraction and Abatement at Edwin Richards Quarry Soil Treatment Facility Ref: K0182/TN/01 Thursday 24 April 2025. Emissions Monitoring Plan reference K0182.2.003 revision C date 24/04/2025.	24/04/25

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The Operator shall complete the site drainage works within the building (labelled as 'dust shed'), as detailed in point 3 of the Schedule 5 response dated 29/01/18, to: • seal the redundant manholes; • install kerbing at both the entrance and exit; and • install a drainage sump to collect any excess runoff generated from the spraying of water used to control dust and asbestos fibres. Following completion of these works the operator shall submit a revised site drainage plan to the Environment Agency.	Completed
IC2	**Soil asbestos content** The operator shall submit a report on the monitoring undertaken as part of the sampling of the incoming waste and the separated wastes streams, from the operation of the asbestos screening process over the first 4 months of operation, for the Environment Agency's written approval . The sampling report shall: • Detail the method(s) used to sample and analyse the treated waste streams for asbestos fibres; • Demonstrate a high percentile level of confidence in the treatment process taking account of the amount of waste treated per batch and the number of samples required to adequately sample each waste stream, both initially and on an ongoing basis; • Demonstrate that additional asbestos fibre contamination is not being created by the screening process. • Recommend any additional measures to be undertaken to ensure compliance with the permit conditions. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. The operator shall implement the additional measures as approved, and from the date stipulated by, the Environment Agency.	22/01/2026
IC3	**Noise acoustic screen** The operator shall submit a written report to the Environment Agency for Confirmation. The report must contain: • Evidence that an acoustic screen noise mitigation measure has been installed in the location specified and as per the specification (5m in height, minimum mass of 15kg/m2) as stated in the document noise risk assessment Report No.: R22.0905/DRK Date: 29th September 2022, Section 6.2.	22/01/2026
IC4	**Bioremediation - VOC** The operator shall submit a report to the Environment Agency for written approval outlining the monitoring results for ambient VOC emissions specific to the AR5, AR6, AR7 and AR8 (bioremediation) activities. The report must contain: • The methodology for monitoring ambient VOC emissions • Locations of ambient monitoring • Demonstration that monitoring locations are in suitably representative positions relative to emission source(s) and in line with relevant Environment Agency ambient monitoring guidance. • At least 3 months of weekly monitoring data for ambient VOC within the vicinity of biopiles subject to bioremediation without a weatherproof covering.	22/01/2026

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
	• Action limits for ambient VOC concentrations above which you will take action to reduce VOC emissions from the bio piles. Provide details of how the action limits have been calculated. • A comparison of ambient VOC 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 process monitoring indicates bioremediation treatment conditions are influencing ambient VOC concentrations, and they are above the action limits, the report shall review measures to control bioremediation treatment conditions including the option of covering biopiles. • Based on the review the operator shall propose measures to control the treatment conditions to ensure ambient VOC concentrations remain below the action limits. • 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.	
IC5	**Bioremediation - dust** The operator shall submit a report to the Environment Agency for written approval outlining the monitoring results for ambient dust emissions specific to the AR5, AR6, AR7 and AR8 (bioremediation) activity as per the methodology agreed in the approved Fugitive Emissions Management Plan (Report Ref: K0182-BLA-R-ENV-00005 at the locations approved on the Emissions Monitoring Plan reference K0182.2.003 revision C dated 24/04/2025. The report must contain: • Methodology for monitoring ambient dust emission. • Locations of ambient monitoring. • Demonstration that monitoring locations are in suitably representative positions relative to emission source(s) and in in line with relevant Environment Agency ambient monitoring guidance. • Proposals for action limits for ambient dust concentrations above which the operator will take action to reduce dust emissions from the biopiles. Provide details of how the action limits have been calculated. • At least 3 months of weekly monitoring data for dust concentrations within the vicinity of biopiles subject to bioremediation without a weatherproof covering. • A comparison of ambient 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 dust concentration monitoring and process monitoring data indicates bioremediation treatment conditions are influencing ambient dust concentrations, and the concentrations are above action limits the report shall review measures to control bioremediation treatment conditions including the option of covering biopiles. • Based on the review the operator shall propose measures to control the treatment conditions to ensure ambient dust concentrations remain below the action limits proposed • 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.	22/01/2026

Table S1.4 Pre-operational measures	
Reference	**Pre-operational measures**
PO1 Operation of the mechanical screener for treatment of asbestos impacted wastes	Prior to the use of the mechanical screener for the pre-screening of asbestos contaminated soils under activity reference AR2 and AR3 a report shall be submitted for approval detailing the following aspects: • Evidence to demonstrate that the mechanical screener is located in a fully enclosed building as set out in 'Requirements for Enclosed Building' listed in Table S1.2 and all dust emissions from the building are directed to an emission point via an active abatement system with a HEPA filter or other suitable design. • Details of the proposed commissioning, operational and maintenance procedures associated with the mechanical screener, building 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 mechanical screener, building and active abatement system are fully operational and working as designed. No mechanical pre-screening of asbestos contaminated soils under activity reference AR2 and AR3 shall commence unless the Environment Agency has given prior approval 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 physical treatment of waste (activities AR1, AR4, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP14**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 09	waste sand and clays
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 05*	oil spills
05 01 15*	spent filter clays
10	**Wastes from thermal processes**
10 09	**wastes from casting of ferrous pieces**
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 10	**wastes from casting of non-ferrous pieces**
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
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

Table S2.2 Permitted waste types and quantities for physical treatment of waste (activities AR1, AR4, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP14**
Waste code	**Description**
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 02	**wood, glass and plastic**
17 02 01	wood (consisting of untreated woodchips only)
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
17 09	**other construction and demolition wastes**
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste – wastes suitable for biological treatment only
19 02 05*	sludges from physico/chemical treatment containing hazardous substances – wastes suitable for biological treatment only
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05 – wastes suitable for biological treatment only
19 02 11*	other wastes containing hazardous substances – wastes suitable for biological treatment only
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	off-specification compost
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13

Table S2.2 Permitted waste types and quantities for physical treatment of waste (activities AR1, AR4, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP14**
Waste code	**Description**
19 13	**wastes from soil and groundwater remediation**
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 38	wood other than that mentioned in 20 01 37 (consisting of untreated woodchips only)
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Table S2.3 Permitted waste types and quantities for treatment in the bioremediation process (activities AR5, AR6, AR7, AR8, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP10, HP11 and HP14**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 09	waste sand and clays
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**

Table S2.3 Permitted waste types and quantities for treatment in the bioremediation process (activities AR5, AR6, AR7, AR8, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP10, HP11 and HP14**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.**
Waste code	**Description**
05 01	**wastes from petroleum refining**
05 01 05*	oil spills
05 01 15*	spent filter clays
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
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 02	**wood, glass and plastic**
17 02 01	wood (consisting of untreated woodchips only)
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
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 03	premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing hazardous substances
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 11*	other wastes containing hazardous substances
19 05	**wastes from aerobic treatment of solid wastes**

Table S2.3 Permitted waste types and quantities for treatment in the bioremediation process (activities AR5, AR6, AR7, AR8, AR9 and AR15)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.** **Waste hazardous properties HP4 to HP7, HP10, HP11 and HP14**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.**
Waste code	**Description**
19 05 03	off-specification compost
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 07	wood other than that mentioned in 19 12 06 (consisting only of untreated woodchip)
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances. (consisting of soils only)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11. (consisting of soils only)
19 13	**wastes from soil and groundwater remediation**
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 38	wood other than that mentioned in 20 01 37 (consisting of untreated woodchips only)
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Table S2.4 Permitted waste types and quantities for mechanical screening and handpicking of soil contaminated with bonded asbestos waste (activities AR2, AR3 and AR9)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **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);** **Wastes with hazard codes HP1, HP2, HP3, HP8, HP9, HP12, HP15.**
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* and 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)
17 05 04 and 17 06 05*	soil and stones other than those mentioned in 17 05 03 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)

Table S2.5 Permitted waste types and quantities for washing of hazardous soils for disposal (activity AR9 and AR10)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes with hazard codes HP1, HP2, HP3, HP8, HP9, HP12, HP15;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.** **Persistent Organic Pollutants (POPs)** **Wastes with a contamination threshold that has the potential to release VOC emissions.** **Waste shall not have a noticeable smell of hydrocarbons in accordance with the Odour Management Plan (Report Ref: K0182-BLA-R- ENV-00006).**
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
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
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
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water

Table S2.6 Permitted waste types and quantities for washing of hazardous soils for recovery (activity AR9 and AR11)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes with hazard codes HP1, HP2, HP3, HP8, HP9, HP12, HP15;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.** **Persistent Organic Pollutants (POPs)** **Wastes with a contamination threshold that has the potential to release VOC emissions.** **Waste shall not have a noticeable smell of hydrocarbons in accordance with the Odour Management Plan (Report Ref: K0182-BLA-R- ENV-00006).**
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
17 05 05*	dredging spoil containing hazardous substances
17 05 07*	track ballast containing hazardous substances
17 09	**other construction and demolition wastes**
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous 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 13	**wastes from soil and groundwater remediation**
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 03*	sludges from soil remediation containing hazardous substances

Table S2.7 Permitted waste types and quantities for washing of non-hazardous soils for disposal (Activity AR12)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.** **Persistent Organic Pollutants (POPs)** **Wastes with a contamination threshold that has the potential to release VOC emissions.** **Waste shall not have a noticeable smell of hydrocarbons in accordance with the Odour Management Plan (Report Ref: K0182-BLA-R- ENV-00006).**
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 04	freshwater drilling muds and wastes
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13

Table S2.8 Permitted waste types and quantities for washing of non-hazardous soils for recovery (Activity AR18)	
Maximum quantity	**In total no more than 180,000 tonnes per annum of hazardous waste and non-hazardous waste will be accepted for treatment at the site.**
Exclusions	**Wastes having any of the following characteristics shall not be accepted:** **Waste containing asbestos;** **Wastes consisting solely or mainly of dusts, powders or loose fibres;** **Waste liquids.** **Persistent Organic Pollutants (POPs)** **Wastes with a contamination threshold that has the potential to release VOC emissions.** **Waste shall not have a noticeable smell of hydrocarbons in accordance with the Odour Management Plan (Report Ref: K0182-BLA-R- ENV-00006).**
Waste code	**Description**
01	**WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 09	waste sand and clays
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 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 09	**other construction and demolition wastes**
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	**MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**
20 02	**garden and park wastes (including cemetery waste)**
20 02 02	soil and stones
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter (Note 1)**	**Limit (incl. unit)**	**Reference period**	**Monitoring frequency (Note 2, Note 3)**	**Monitoring standard or method**
A1, A2 (biofilters) as shown on emissions point plan Schedule 7.	Biofilter - Soil Treatment	Total volatile organic compounds (TVOCs)	40 mg/m^3	Average value of 3 consecutive measure-ments of at least 30 minutes each	Every 6 months	BS EN 12619
		Ammonia (NH_3)	20 mg/m^3			EN ISO 21877
		Hydrogen Sulphide (H_2S)	No limit set			CEN TS 13649 for sampling NIOSH 6013 for analysis
		Dust	5 mg/m^3			EN 13284-1
		Speciated Volatile Organic Compounds (Note 4)	No limit set			PD CEN/TS 13649
A3 Building air abstraction emission point (location to be confirmed by pre-operational condition PO1)	Asbestos fibres	Air extraction system emission point	0.1 fibre/ml	Hourly average	Monthly (Note 4)	ISO 10397: 1993
	Particulate matter (Dust)		5 mg/m^3	Average value of 3 consecutive measure-ments of at least 30 minutes each	Every 6 months	BS EN 13284-1

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: Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.

Note 4: May be reduced to a quarterly frequency after 12 monthly monitoring events with the written agreement of the Environment Agency.

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)**	**Limit (incl. Unit)**	**Reference period (Note 2)**	**Monitoring frequency (Note 4, Note 5)**	**Monitoring standard or method**
MH7 Emission point as shown on drawing reference 33012-Shr166-Figure 1 Drainage plan October 2016	Effluent treatment plant Effluent from soil washing, waste processing and waste storage areas	Hydrocarbon oil index (HOI) (Note 6)	10 mg/l	-	Once every month	EN ISO 9377-2
		Arsenic (As) (Note 3, Note 6)	0.05 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS ISO 17378-1
		Cadmium (Cd) (Note 3, Note 6)	0.05 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS EN ISO 5961
		Chromium (Cr) (Note 3, Note 6)	0.15 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586 BS EN 1233
		Copper (Cu) (Note 3, Note 6)	0.5 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Nickel (Ni) (Note 3, Note 6)	0.5 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Lead (Pb) (Note 3, Note 6)	0.1 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Zinc (Zn) (Note 3, Note 6)	1 mg/l	-	Once every month	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury (Hg) (Note 3, Note 6)	5 µg/l	-	Once every month	BS EN 12846 BS EN ISO 17852
		PFOA (Note 3, Note 6)	No limit set	-	Every 6 months	BS ISO 25101
		PFOS (Note 3, Note 6)	No limit set	-	Every 6 months	BS ISO 25101
	Uncontaminated site source water from roofs and other non-	No parameter set	No limit set	-	-	-

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)**	**Limit (incl. Unit)**	**Reference period (Note 2)**	**Monitoring frequency (Note 4, Note 5)**	**Monitoring standard or method**
	operational areas					

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

Note 2: 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 3: The monitoring only applies when the substance concerned is identified as relevant in the waste water inventory.

Note 4: Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.

Note 5: In the case of batch discharge less frequent than the minimum monitoring frequency, monitoring is carried out once per batch.

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 Ambient air - monitoring requirements for asbestos treatment					
Emission point reference or source or description of point of measurement	**Parameter**	**Limit**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
DM1 - Ambient air sampling when asbestos contaminated soils are being received, handled and moved within the site points as shown on Edwin Richards Quarry Soil Treatment Centre emissions monitoring plan reference K0182.2.003 rev C as shown in schedule 7	Asbestos fibres	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.	During receipt, handling and movement of asbestos contaminated soil within the site. 1 hour at 8 l/min or other agreed period in writing.	In line with Monitoring ambient air: particulate matter monitoring guidance. 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 • Filter pore size = 0.8-1.2 µm Asbestos fibre limit of detection = 0.001 fibres/ml.	-
DM2 - Dust	As agreed in IC5.	As agreed in IC5.	As agreed in IC5.	As agreed in IC5.	As agreed in IC5.
DM3 - VOCs	As agreed in IC4.	As agreed in IC4.	As agreed in IC4.	As agreed in IC4.	As agreed in IC4.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Closed Biofilters	Gas temperature – inlet and outlet	Weekly	Temperature probe	Biofilter shall be regularly checked and maintained to ensure appropriate temperature and moisture content. Equipment shall be calibrated on a 4 monthly basis or as agreed in writing by the Environment Agency.
	Gas flow rate – inlet and outlet	Weekly	Gas flow meter	
	Biofilter media moisture	Daily	Moisture meter, Grab test, oven drying or recognised industry method	
	Thatching /compaction	Weekly	Back pressure	
	pH (biofilter drainage effluent)	Weekly	pH meter or litmus paper	
	Efficiency assessment	Annual	Media health, air-flow distribution and emission removal efficiency (BS EN 13725 for odour removal)	
Internal for each 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	None specified	
	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 Compounds (VOCs), Phenols and pH	Each completed batch of treated soil shall be sampled	None specified	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.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Soil washing wash water prior to reuse	Metals	Once per batch	None specified	Laboratory must be accredited to EN ISO/IEC ISO1702:2000 for the analysis.
	Hydrocarbons	Once per batch	None specified	Laboratory must be accredited to EN ISO/IEC ISO1702:2000 for the analysis.

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**	**Period begins**
Point source emissions to air Parameters as required by condition 3.5.1	A1, A2, A3	Every 12 months	1 January
Biofilter efficiency Parameters as required by condition 3.5.1	Biofilter	Every 12 months	1 January
Point source emissions to sewer Parameters as required by condition 3.5.1	MH7	Every 12 months	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	DM1, DM2, DM3	Every 6 months	1 January, 1 July
Process monitoring Parameters as required by condition 3.5.1	Biofilter 1, Biofilter 2, Biopiles	Every 6 months	1 January, 1 July

Table S4.2 Annual production/treatment	
Parameter	**Units**
Bioremediation Plant (treatment)	Tonnes per year
Soil Washing Plant (treatment)	Tonnes per year
Treatment of hazardous waste (total)	Tonnes per year
Treatment of non-hazardous waste (total)	Tonnes per year

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
Point source emissions to sewer	Emissions to Sewer 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 lll 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.

Pests” means Birds, Vermin and Insects.

“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

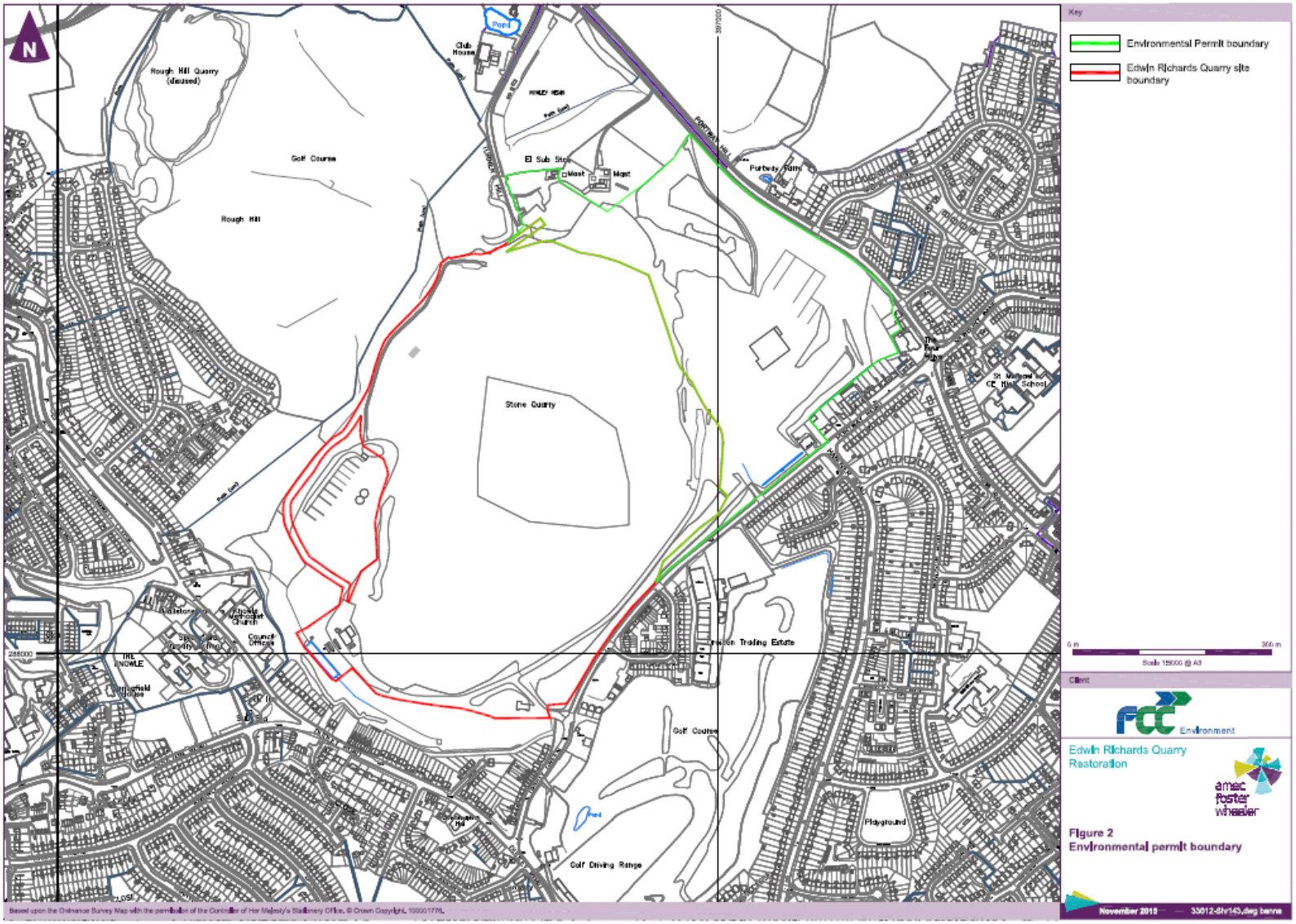
in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.2 – S2.6 for those tables they have the meaning given below:

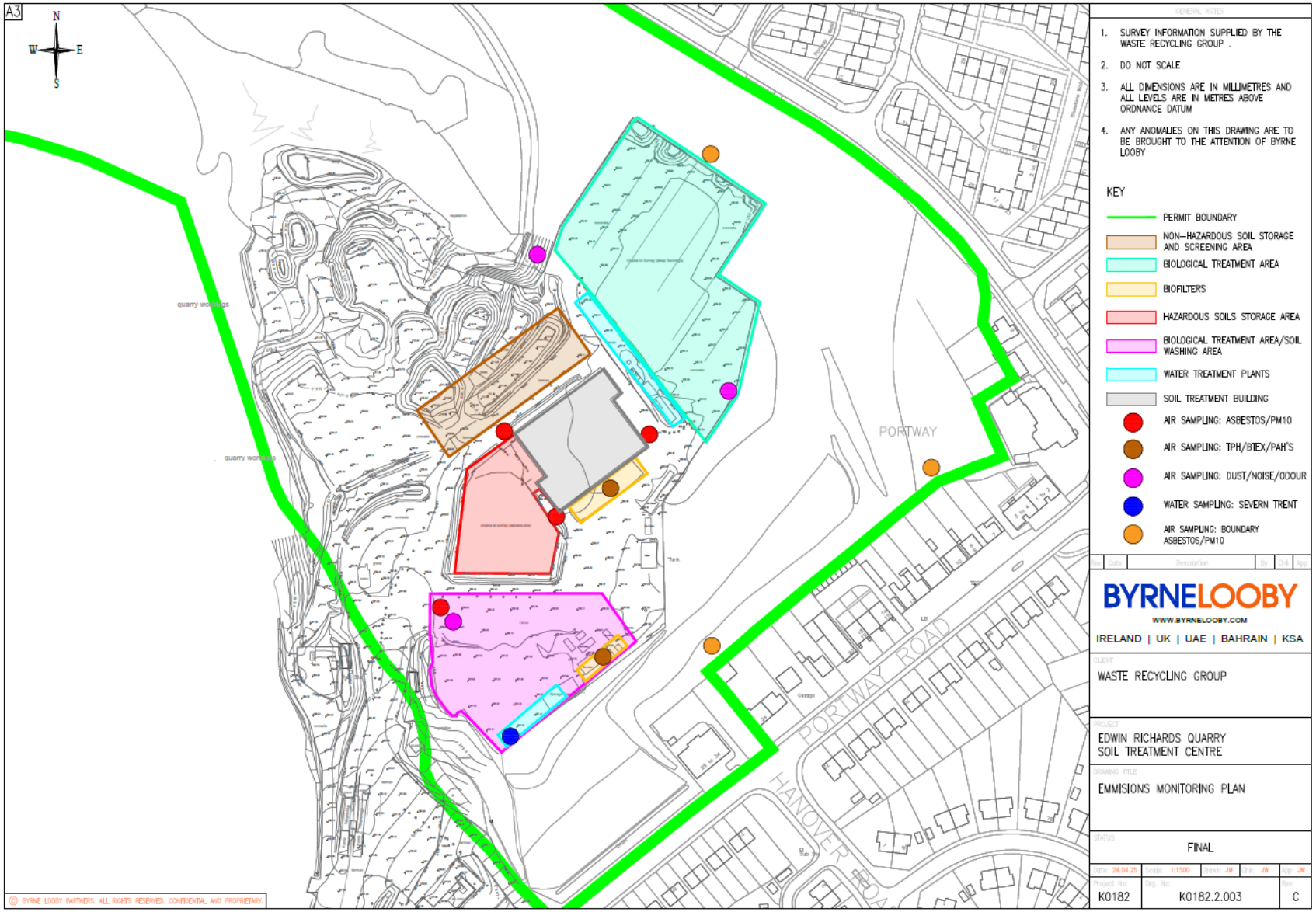
“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

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

Schedule 7 – Site plan



Emissions point plan



END OF PERMIT

Emissions to Air Reporting Form

Permit number: *[EPR/AB1234CB]* **Operator:** *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]* **Emissions to Air Reporting Form: version 1, 08/03/2021**

Reporting of emissions to air for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. A1]	*[e.g. Oxides of nitrogen (NO and NO_2 expressed as NO_2)]*	*[e.g. 200 mg/m^3]*	*[e.g. daily average]*	*[e.g. BS EN 14181]*	*[State result]*	*[State relevant dates and time periods]*	*[State uncertainty if not 95% confidence interval]*

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

[1] Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Emissions to Water Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Emissions to Water Reporting Form: version 1, 08/03/2021

Reporting of emissions to water (other than to sewer) for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. W1]	*[e.g. Total suspended solids]*	*[e.g. 30 mg/l]*	*[e.g. For 95% of all measured values of periodic samples taken over one month]*	*[e.g. BS EN 872:2005]*	*[State result]*	*[State relevant dates and time periods]*	*[State uncertainty if not 95% confidence interval]*

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

[1] Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Emissions to Sewer Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Emissions to Sewer Reporting Form: version 1, 08/03/2021

Reporting of emissions to sewer for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. S1]	*[e.g. Total suspended solids]*	*[e.g. 30 mg/l]*	*[e.g. For 95% of all measured values of periodic samples taken over one month]*	*[e.g. BS EN 872:2005]*	*[State result]*	*[State relevant dates and time periods]*	*[State uncertainty if not 95% confidence interval]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

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[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Surface Water and/or Groundwater Monitoring Form

Permit number: *[EPR/AB1234CB]* **Operator:** *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]* **Surface Water and/or Groundwater Monitoring Form: version 1, 08/03/2021**

Reporting of surface water and/or groundwater monitoring for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Monitoring point	Substance / parameter	Trigger level	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. GW1]	*[e.g. pH]*	*[e.g. >5 and <9 pH units]*	*[e.g. instantaneous]*	*[e.g. BS ISO 5667-11:200]*	*[State result]*	*[State relevant dates and time periods]*	*[State uncertainty if not 95% confidence interval]*

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

[1] Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Ambient Air Monitoring Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Ambient Air Monitoring Form: version 1, 08/03/2021

Reporting of monitoring ambient air for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Monitoring point	Substance / parameter	Compliance limit	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. P1]	*[e.g. PM_{10} suspended particulate matter]*	*[e.g. 50 $\mu g/m^3$]*	*[24 hour average]*	*[e.g. BS EN 12341:2014]*	*[State result]*	*[State relevant dates and time periods]*	*[State uncertainty if not 95% confidence interval]*

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

[1] Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Process Monitoring Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Process Monitoring Form: version 1, 08/03/2021

Reporting of process monitoring for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Monitoring point description or source	Parameter	Reference period	Test method [1]	Result [2]	Sample dates and times [3]	Uncertainty [4]
[e.g. Condenser V 2345]	*[e.g. cooling water outlet temperature]*	*[e.g. instantaneous]*	*[if applicable]*	*[State result]*	*[State relevant dates and time periods]*	*[if applicable]*

Operator's comments

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

[1] Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
[2] Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
[3] For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
[4] Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Water Usage Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year *[YYYY]*

Water source	Water usage (m^3)	Specific water usage (m^3/unit) [2]
Mains water	*[insert annual usage in m^3 where mains water is used]*	*[insert annual usage in m^3/unit where mains water is used]*
Site borehole	*[insert annual usage in m^3 where water is used from a site borehole]*	*[insert annual usage in m^3/unit where water is used from a site borehole]*
River abstraction	*[insert annual usage in m^3 where abstracted river water is used]*	*[insert annual usage in m^3/unit where abstracted river water is used]*
Other – *[specify other water source where applicablel. Add extra rows where needed]*	*[insert annual usage in m^3 where applicable]*	*[insert annual usage in m^3/unit where applicable]*
Total water usage	*[insert total annual water usage in m^3]*	*[insert total annual water usage in m^3/unit]*

Operator's comments

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: *[EPR/AB1234CB]*

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year *[YYYY]*

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) [2]
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	*[insert annual consumption in MWh where electricity is imported]*	*[insert annual consumption in MWh/unit where electricity is imported]*
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	*[insert annual consumption in MWh where electricity is imported]*	*[insert annual consumption in MWh/unit where electricity is imported]*
Natural gas	*[insert annual consumption in MWh where natural gas is used]*	*[insert annual consumption in MWh/unit where natural gas is used]*
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	*[insert annual consumption in MWh where gas oil is used]*	*[insert annual consumption in MWh/unit where gas oil is used]*
Imported heat	*[insert annual consumption in MWh where heat is imported]*	*[insert annual consumption in MWh/unit where heat is imported]*
Other – *[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]*	*[insert annual consumption in MWh where applicable]*	*[insert annual consumption in MWh/unit where applicable]*
Electricity exported	*[insert annual production in MWh where electricity is exported]*	Not applicable
Heat exported	*[insert annual production in MWh where heat is exported]*	Not applicable

Operator's comments

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

[1] Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.
[2] Divide energy consumption by an appropriate unit of raw material processed or product output.

Other Performance Parameters Reporting Form

Permit number: *[EPR/AB1234CB]* **Operator:** *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]* **Other Performance Parameters Reporting Form: version 1, 08/03/2021**

Reporting of other performance parameters for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Parameter	Units
[e.g. Total raw material usage]	*[e.g. tonnes per production unit]*

Operator's comments

Signed: *[Name]* **Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report the performance parameters (other than water and energy) required by your permit.
Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.