

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Rig Scorrier Ltd

Land adjacent to Parc-an-Chy Mine
Treskerby Road
Scorrier
Cornwall
TR16 5AU

Variation application number

EPR/DP3892HD/V005

Permit number

EPR/DP3892HD

Land adjacent to Parc-an-Chy Mine

Permit number EPR/DP3892HD

Introductory note

This introductory note does not form a part of the permit

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

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

The variation has added hazardous waste storage and treatment to the permit as well as updating the physical treatment of non-hazardous waste to include the washing of non-hazardous soils and aggregates. A 5.3 Part A(1)(a)(ii) physico-chemical treatment has been added to the permit to facilitate the recovery of hazardous waste through washing. A 5.6 Part A(1)(a) activity has also been added to the permit to enable the storage and transfer of hazardous waste including asbestos wastes.

The main features of the permit are as follows.

The environmental permit allows for the operation of a hazardous and non-hazardous waste physico-chemical treatment facility. Treatment comprises of the washing of soil, aggregate and stones wastes as well as their physical treatment through sorting, screening and separation. The site accepts and treats wastes as identified in tables S2.2 and S2.4 which include hazardous and non-hazardous, construction, aggregate and soil-based waste streams which will subsequently be screened, washed and separated into qualifying aggregates. Additionally, the site is permitted to accept metal wastes for manual sorting and transfer as well as the acceptance, storage and transfer of asbestos wastes. The facility is permitted to accept 350,000 tonnes of hazardous waste and non-hazardous waste per year collectively of which 104,400 can be hazardous.

The site activities are as follows:

Installation and directly associated activities

- Section 5.3 Part A (1)(a)(ii) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.
- Section 5.6 Part A(1)(a) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.
- Pre-treatment – crushing hazardous wastes.
- Raw material handling and storage.
- Collection and storage of contaminated surface and process water from hazardous waste treatment.
- Storage of recovered wastes.

Waste Operations

- Physical treatment of non-hazardous waste
- Metal Recycling
- Physical and chemical treatment of non-hazardous waste
- Collection and storage of process and surface water from non-hazardous waste treatment.

Waste is accepted onto site and stored in the appropriate storage area either, the asbestos storage compound, hazardous waste storage area which is a three-sided building in a dedicated area of site or non-hazardous waste storage areas. Hazardous and non-hazardous wastes will be subject to treatment. Asbestos wastes will only be stored and transferred and there will be no treatment of this waste. The site is

permitted to store 10,000 tonnes of waste on site at any one time. Of the 10,000 tonne storage capacity, up to 1,000 tonnes of the waste can be classified as hazardous waste. Metal waste is limited to being stored in skips, undergoing manual sorting and transfer off site.

The primary waste treatment process is a washing facility. All non-hazardous material will enter the site and be screened to extract the oversize. This material will be subsequently crushed and sold under WRAP. All material that has passed through the screen (not oversize) will be directed into the washing facility, this material is treated through a series of processes, rinsing screen, sand plant, attrition scrubber and water treatment. The facility will produce sands and aggregates that will follow the WRAP quality protocol end of waste criteria for the production of aggregates from inert waste. The facility will also produce fine aggregate material (filter cake) which will be sampled to determine chemical composition. Oversized material will be crushed and re-screened so it can be washed.

There are no point source emissions to air from the waste treatment activities. Waste water from the processing of hazardous waste and from the site surface during hazardous waste treatment will be stored in a lagoon and then recirculated for reuse where appropriate or tankered off site for disposal. Uncontaminated surface water will be collected within a lagoon along with waste waters from the treatment of non-hazardous waste and then recirculated for reuse where appropriate or tankered off site for disposal.

The operations will be conducted in accordance with a Fire Prevention Plan (FPP), Dust and Emissions Management Plan (DEMP) and Noise Management Plan (NMP).

The site is located approximately 1.5km south of Scorrier town and approximately 2.4km northeast of Redruth town centre at the national grid reference SW 72185 43281. The nearest residential housing is located at Treskerby Road, the nearest being approximately 250m West from the Site boundary. The site is located in a rural mining and agricultural setting. There are two Sites of Special Scientific Interest (SSSIs) being Wheal Gorland and West Cornwall Bryophyte (WCB) SSSI within 1.2km and 1.8km of site respectively. Local wildlife sites including Treskerby Wood (350m SW) and Unity Wood (950m NE) are within proximity of the site. Godrevy Head to St Agnes (SAC) is approximately 5.3km NW from the site boundary, Bristol Channel Approaches SAC 5.9km NW from the site boundary and Carrine Common (SAC) is approximately 7km E from the site boundary.

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
Permit determined EAWML 20016	21/09/1999	Permit issued to Robert Arthur Douce, John Douce and Andrew Ward Douce.
Transfer	15/08/2003	Transfer to Andrew Ward Douce.
Modification	15/08/2003	Removal of Financial Provision condition.
Variation and consolidation of the permit (EPR/DP3892HD/V003)	24/05/2018	Permit varied and consolidated.
Application for full transfer of permit (EPR/DP3892HD/T004)	04/04/2024	Full transfer of permit to Rig Scorrier Ltd determined.
Application EPR/DP3892HD/V005 (variation and consolidation)	Duly Made 06/09/2024	Application to vary from a waste operation to an installations permit. Addition of hazardous waste treatment.
Email received 03/03/2025	03/03/2025	Information on water management and discharge of water.
	14/04/2025	Documents received in response the schedule 5 notice dated 21/03/2025.

Status log of the permit		
Description	Date	Comments
Additional information received in response to the Schedule 5 notice dated 21/03/2025		Submission of the initial response to the schedule 5 notice.
	30/04/2025	Submission of the updated operating techniques, Fire Prevention Plan, Dust Emission Management Plan in response to the schedule 5 notice.
Additional information received in response to the Schedule 5 notice dated 29/07/2025	29/08/2025	Updated Noise Impact Assessment and Noise Management Plan.
Additional information received in response to the Schedule 5 notice dated 11/12/2025	16/01/2026	Response on Noise Impact Assessment questions.
Email received	19/01/2026	Response to questions on operating techniques.
Documents received in response to Request for Information.	14/04/2026	Updated Final Noise impact assessment and noise management plan.
Variation determined and consolidation issued EPR/DP3892HD	07/08/2026	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 and consolidates

Permit number

EPR/DP3892HD

Issued to

Rig Scorrier Ltd (“the operator”)

whose registered office is

**Parc-an-Chy
Scorrier
Redruth
England
TR16 5AU**

company registration number 12799595

to operate a regulated facility at

**Land adjacent to Parc-an-Chy Mine
Treskerby Road
Scorrier
Cornwall
TR16 5AU**

to the extent set out in the schedules.

The notice shall take effect from 07/08/2026

Name	Date
Peter Maksymiw	07/08/2026

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DP3892HD

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DP3892HD/V005 authorising,

Rig Scorrier Ltd ("the operator"),

whose registered office is

**Parc-an-Chy
Scorrier
Redruth
England
TR16 5AU**

company registration number 12799595

to operate an installation at

**Land adjacent to Parc-an-Chy Mine
Treskerby Road
Scorrier
Cornwall
TR16 5AU**

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

Name	Date
Peter Maksymiw	07/08/2026

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR6, the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR6, the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 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 red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3, S2.4, S2.5, S2.6; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Hazardous waste storage and treatment

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

2.5 Improvement programme

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

2.6 Pre-operational conditions

- 2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

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

3.4 Noise and vibration

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

3.5 Monitoring

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

3.6 Pests

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

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (c) 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;
 - (d) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 AR1 to AR6, a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

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

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

4.3 Notifications

4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.3 Part A (1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Recovery of hazardous waste soils and aggregates. R3 Recycling/reclamation or organic substances which are not used as solvents (including composting and transformation processes). R5: Recycling/reclamation of other inorganic materials	From treatment of hazardous waste soils and aggregates by soil washing, screening and separation in soil washing plant consisting of a rinsing screen, sand plant, attrition scrubber and water treatment to storage of treated soil, aggregates and end of waste material. No more than 1300 tonnes per day of hazardous and non-hazardous waste shall be treated within the soil washing plant in aggregate with AR9. The following wastes shall not be blended or mixed: - wastes which react with one another - wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery - wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content - waste to deliberately dilute it Treatment shall take place in a dedicated area, through the soil washing plant on an impermeable surface with sealed drainage. Containment shall be designed and constructed in accordance with appropriate measures and CIRIA C736 design principles and construction standards as detailed in IC4. Treated waste, recovered waste soils, sands, aggregates, fine aggregate material (filter cake) and end of waste quality aggregates shall be stored on site, segregated from waste prior to transfer off-site, on an impermeable surface with sealed drainage for no longer than 6 months. Filter cake removed from the process shall be stored within the hazardous waste storage barn segregated from wastes prior to transfer off-site. No more than 1,000 tonnes of recovered waste soils, sands and aggregates and end of waste quality

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			aggregates shall be stored on site at any one time. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2. There shall be no point source emissions to air, land or water from this activity.
AR2	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Temporary storage of hazardous waste. R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	From receipt and storage of hazardous waste on site to its treatment on site; or its transfer off-site. The total of amount of asbestos waste shall not exceed 24.4m³ at any one time. The amount of hazardous waste stored on site at any one time shall not exceed 1000 tonnes. The total amount of waste stored on site at any one time, including both hazardous waste, non-hazardous waste and processed hazardous soils and aggregates, shall not exceed 10,000 tonnes in aggregate with AR6, AR7 and AR9. Hazardous waste shall be stored undercover in a three sided and roofed enclosure on an impermeable surface with sealed drainage system. Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers. Mechanical equipment, for example loading shovels, chutes and conveyors shall not be used to move asbestos waste. All wastes shall be stored on site for no longer than 6 months. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.3. There shall be no point source emissions to air, land or water from this activity.
Directly Associated Activity			
AR3	Hazardous waste pre-treatment	Pre-treatment of hazardous waste prior to treatment under activity AR1.	Treatment of hazardous waste soil and aggregates prior to treatment under AR1. Treatment is limited to screening

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		R3 Recycling/reclamation of organic substances which are not used as solvents (including composting and transformation processes). R5: Recycling/reclamation of other inorganic materials	and crushing of waste to reduce its size. Treatment shall take place in a dedicated area, soil washing pad, in enclosed plant on an impermeable surface with sealed drainage. Treated waste shall be taken directly for treatment within the wash plant. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2. There shall be no point source emissions to air, land or water from this activity.
AR4	Raw material management	Raw material handling and storage.	From receipt and storage to point of use.
AR5	Contaminated surface water management	Contaminated surface and process water collection and storage. Collection and storage of contaminated process water from the hazardous soil washing treatment plant and site surface area, in the hazardous attenuation lagoon to recirculation within the plant or removal from site via tanker.	From the collection of contaminated site surface water / process water from soil washing treatment plant to recirculation or removal from site for disposal.
AR6	Storage of recovered wastes	Storage of wastes recovered from the hazardous waste treatment processes R13: Storage of waste pending the operations numbered R1, R4 and R5 (excluding temporary storage, pending collection, on the site where it is produced)	From recovery of waste to despatch off-site. The total amount of waste stored on site at any one time, including both hazardous waste, non-hazardous waste and processed hazardous soils and aggregates, shall not exceed 10,000 tonnes in aggregate with AR2, AR7 and AR9. Storage shall take place on an impermeable surface with a sealed drainage system. There shall be no point source emissions to air, land or water from this activity.
Waste Operations			
Activity reference	Description of activities for waste operations	Limits of activities	
AR7	Non-hazardous waste physical treatment facility R3: Recycling/reclamation of organic substances which are	From receipt of non-hazardous waste soil and aggregates to storage prior to treatment to treatment via physical treatment including manual and mechanical sorting/separation, screening, crushing, and blending of	

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
	not used as solvents (including composting and other biological transformation processes) R5: Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	non-hazardous waste for recovery as a soil, soil substitute and aggregate. Subject to any other requirements of this permit wastes shall be stored for no longer 3 years prior to recovery. No more than 75 tonnes per day of slags and ashes (19 01 12) shall be treated for recovery in aggregate with AR9. The total amount of waste stored on site at any one time, including both hazardous waste, non-hazardous waste and processed hazardous soils and aggregates, shall not exceed 10,000 tonnes in aggregate with AR2, AR6 and AR9. Waste types as specified in Table S2.4.	
AR8	Metal recycling R4: Recycling/reclamation of metals and metal compounds R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	From receipt of non-hazardous metal waste to storage prior to treatment limited to physical treatment, manual sorting only. No more than 3 tonnes of metal waste shall be accepted and stored under this activity at any one time on site. Metal waste shall be stored within 6-yard skips on an impermeable surface with sealed drainage. Waste shall be stored for no longer than 3 years prior to recovery. Waste types as specified in Table S2.6.	
AR9	Physical and Chemical treatment of non-hazardous waste R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) R5: Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	From receipt of non-hazardous waste soil and aggregates to storage prior to treatment, to treatment via physical and chemical treatment including washing. Subject to any other requirements of this permit wastes shall be stored for no longer 3 years prior to recovery. No more than 1300 tonnes per day of hazardous and non-hazardous waste shall be treated within the soil washing plant in aggregate with AR1. No more than 75 tonnes per day of slags and ashes (19 01 12) shall be treated for recovery in aggregate with AR7. The total amount of waste stored on site at any one time, including both hazardous waste, non-hazardous waste and processed hazardous soils and aggregates, shall not exceed 10,000 tonnes in aggregate with AR2, AR6 and AR7. Surface and process water collected from this activity shall be directed to the interceptor, sealed attenuation lagoon prior to subsequent recirculation within the plant, removal from site via tanker. There shall be no point source emissions to air, land or water from this activity. Waste types as specified in Table S2.5.	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Request for information	Email received 03/03/2025: Response on discharge of water.	03/03/2025
Fire Prevention Plan	Fire prevention plan – April 2025 - V3.0	30/04/2025
Request for information	Email received 19/01/2026: Commitment to operate to the standards within the Chemical Waste: appropriate measures for permitted facilities	19/01/2026
Response to request for information email 06/02/2026	RIG_SCO_OPS_PRO_Wash Down_V1	19/02/2026
Response to request for information email 10/02/2026	Operating Techniques document – February 2026 – V3.0 – All parts	17/03/2026
Request for information	Noise Management Plan - Revision 3.0 - 14/04/2026	14/04/2026
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply.	N/A
Non-hazardous and inert waste: appropriate measures for permitted facilities Version published July 2021	All parts of the appropriate measures guidance shall apply.	N/A

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall submit a revised Dust Management Plan (DMP) to the Environment Agency for approval. The revised DMP shall include an assessment of the risk of dust pollution associated with the permitted site operations including: - information on monitoring method, trigger levels, actions taken and locations as required in Table S3.2. - waste storage and treatment procedures for the site, including those associated with the waste operation activities. The revised DMP shall take into account the appropriate measures for dust control specified in the Non-hazardous and inert waste: appropriate measures for permitted facilities - Guidance - GOV.UK and Control and monitor emissions for your environmental permit - GOV.UK The operator shall implement within 30 days, the measures included within the approved DMP and any subsequent revisions agreed in writing by the Environment Agency	3 months from issue
IC2	The operator shall carry out a review of the waste treatment, storage and handling equipment at the site to ensure that they are in accordance with the requirements specified in the Non-hazardous and inert waste: appropriate measures for permitted facilities guidance Chemical waste: appropriate measures for permitted facilities - Guidance - GOV.UK and BAT 14 of the Waste Treatment BAT Conclusions. This review shall include but not limited to an assessment of: - The crushing activities taking place outside. - Open conveyors, hoppers and waste transfer systems. Following the review, the operator shall submit a written report to the Environment Agency for approval outlining the results of the review and	3 months from issue

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	measures and procedures that are in place to prevent and/or reduce fugitive emissions of dust. The report shall include recommendations for improvements and installation of new infrastructure, including timescales for implementation of the identified improvements.	
IC3	Following the completion of IC2, the operator shall implement any improvements by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to: • installation of a new building or enclosure around the crushing operation, or equivalent alternative measures. • Enclosure of hoppers and conveyor systems. Following the completion of any improvements the operator shall submit a revised Dust Management Plan (DMP) to the Environment Agency for approval.	12 months from the approval of IC2
IC4	The operator shall submit a written 'secondary containment implementation plan' and shall obtain the Environment Agency's written approval to it. The plan shall contain the finalised designs and an implementation schedule for secondary containment systems for both hazardous and non-hazardous waste treatment. The finalised design(s) and specifications shall be produced by appropriate competent individuals (qualified civil or structural engineer), in accordance with the risk assessment methodology detailed within CIRIA C736 (2014) guidance. The plan shall include but not be limited to the following components: • An updated BAT assessment with specific regard to BAT 19 of the Waste Treatment BREF to demonstrate how the finalised designs based on the proposed secondary containment meets BAT 19. • An assessment of the suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure. • Finalised designs and specifications of the proposed secondary containment proposal completed by appropriate competent individuals. • A program of works with timescales for the commissioning of the secondary containment systems to comply with CIRIA C736 (2014) guidance, or equivalent. • An updated site and infrastructure plan. • A preventative maintenance and inspection regime. The plan shall be implemented in accordance with the Environment Agency's prior written approval.	6 months from permit issue or as agreed in writing with the Environment Agency.

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO1	Washing of waste (hazardous and non-hazardous) AR1-AR6 and AR9	Prior to the commissioning of the wash plant, activities AR1-AR6 and AR9, the operator shall submit a written report to the Environment Agency for assessment and written approval. The report must contain: • Confirmation that localised barriers (portable acoustic barrier) have been installed around the plant in line with the proposals detailed in “<i>Noise Impact Assessment – Permit Application, version 3.0, 14/04/26</i>” Appendix A, to mitigate the noise impact on residential receptors ESR1 and ESR2 identified within “<i>Noise Impact Assessment 1.0 Final, 02/04/2026</i>”. • Confirmation of the resulting noise impact levels at receptors ESR1 and ESR2 (undertaken to BS4142 standards) following installation of the localised barriers, including comparison with predicted and acceptable noise levels. • A Noise Impact Assessment (NIA) detailing measurements undertaken along with a BS 4142 assessment of the impact at surrounding Noise Sensitive Receptors (NSRs). • An updated Noise Management Plan which detailed the final location of the localised barriers (portable acoustic barrier). • Further to confirmation of the noise impact levels at receptors ESR1 and ESR2, details of any further mitigation required, including justification, proposed design measures, and implementation timescales, where applicable. The operator shall implement all mitigation measures approved by the Environment Agency in writing, in full and within the approved timescales, and shall not commence commissioning or operation of the wash plant (with the exception of operation for noise monitoring data collection with prior Environment Agency agreement) until such measures have been implemented and no significant impact is observed, unless otherwise agreed in writing by the Environment Agency.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel	--
Greases and lubricating oils	--
Flocculant	--

Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by washing (AR1)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 104,400 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres b) wastes that are in a form which is either sludge or liquid c) Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP2, HP3, HP8, HP9, HP12, HP15 and POP's.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 07*	other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	construction and demolition wastes (including excavated soil from contaminated Sites)
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
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
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 11*	bottom ash and slag containing hazardous substances
19 13	wastes from soil and groundwater remediation

Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by washing (AR1)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 104,400 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres b) wastes that are in a form which is either sludge or liquid c) Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP2, HP3, HP8, HP9, HP12, HP15 and POP's.
Waste code	Description
19 13 01*	solid waste from soil remediation containing hazardous substances

Table S2.3 Permitted waste types and quantities for storage and transfer of hazardous (AR2)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 104,400 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres b) wastes that are in a form which is either sludge or liquid c) 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.) d) Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP2, HP3, HP8, HP9, HP12, HP15 and POP's.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 07*	other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	construction and demolition wastes (including excavated soil from contaminated Sites)
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
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 06	insulation materials and asbestos-containing construction materialsoil (including excavated soil from contaminated Sites), stones and dredging spoil
17 06 01*	insulation materials containing asbestos
17 06 05*	construction materials containing asbestos
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 11*	bottom ash and slag containing hazardous substances
19 12	wastes from mechanical treatment of waste (for example sorting, crushing, compaction, pelletising) not otherwise specified

Table S2.3 Permitted waste types and quantities for storage and transfer of hazardous (AR2)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 104,400 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres b) wastes that are in a form which is either sludge or liquid c) 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.) d) Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP2, HP3, HP8, HP9, HP12, HP15 and POP's.
Waste code	Description
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances (Trommel fines from construction and demolition waste or dry waste processing only)
19 13	wastes from soil and groundwater remediation
19 13 01*	solid waste from soil remediation containing hazardous substances

Table S2.4 Permitted waste types and quantities for physical treatment of non-hazardous waste by sorting/separation, screening, crushing and blending (AR7)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11

Table S2.4 Permitted waste types and quantities for physical treatment of non-hazardous waste by sorting/separation, screening, crushing and blending (AR7)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 11	wastes from the manufacture of glass and glass products
10 11 12	waste glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	Waste concrete only
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging
15 01 07	glass packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 02	glass

Table S2.4 Permitted waste types and quantities for physical treatment of non-hazardous waste by sorting/separation, screening, crushing and blending (AR7)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
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 (restricted to mixed loads containing soil and stones, concrete, bricks, glass, tiles and ceramics only)
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 19	sands from fluidised beds
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 12 12	Other wastes (including mixtures of wastes) from mechanical treatment of waste other than those mentioned in 19 12 11 (Residual fines from the mechanical treatment of mixed construction waste only; restricted to inert construction, demolition and extractive wastes, excluding fines produced from the treatment of non-hazardous biodegradable waste.)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 02	glass
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones
20 03	other municipal wastes

Table S2.4 Permitted waste types and quantities for physical treatment of non-hazardous waste by sorting/separation, screening, crushing and blending (AR7)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
20 03 03	street cleaning residues (solids only)

Table S2.5 Permitted waste types and quantities for physico-chemical treatment of non-hazardous waste by washing (AR9)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)

Table S2.5 Permitted waste types and quantities for physico-chemical treatment of non-hazardous waste by washing (AR9)

Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
10 01 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 11	wastes from the manufacture of glass and glass products
10 11 12	waste glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	Waste concrete only
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging
15 01 07	glass packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 02	glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
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

Table S2.5 Permitted waste types and quantities for physico-chemical treatment of non-hazardous waste by washing (AR9)

Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 350,000 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
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 (restricted to mixed loads containing soil and stones, concrete, bricks, glass, tiles and ceramics only)
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 19	sands from fluidised beds
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 12 12	Other wastes (including mixtures of wastes) from mechanical treatment of waste other than those mentioned in 19 12 11 (Residual fines from the mechanical treatment of mixed construction waste only; restricted to inert construction, demolition and extractive wastes, excluding fines produced from the treatment of non-hazardous biodegradable waste.)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 02	glass
20 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 (solids only)

Table S2.6 Permitted waste types and quantities for manual treatment and storage of non-hazardous metal waste by metal waste transfer station (AR8)	
Maximum quantity	The total quantity of wastes accepted under this activity shall not exceed 74,999 tonnes per year. The throughput of non-hazardous and hazardous waste for the site shall not exceed 350,000 tonnes per year for all activities in aggregate.
Waste code	Description
17	construction and demolition wastes (including excavated soil from contaminated sites)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals

Schedule 3 – Emissions and monitoring

Table S3.1 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At the identified monitoring locations shown within the approved Dust and Emissions Management Plan following the completion of IC1	Deposited dust	Monthly	Monitoring emissions to air, land and water (MCERTS) - GOV.UK (Technical guidance notes for monitoring ambient air.) Monitoring methods, trigger levels and actions as specified in dust emissions management plan.	
	Visual dust checks	Daily		

Table S3.2 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 – non-hazardous and hazardous attenuation lagoons.	Metals	Monthly	None specified	Laboratory must be accredited to EN ISO/IEC ISO1702:2000 for the analysis.
	Hydrocarbons	Monthly	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	First period begins
Ambient air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January
Process monitoring Parameters as required by condition 3.5.1	Soil washing wash water prior to reuse – non-hazardous and hazardous attenuation lagoons.	Every 6 months	1 January, 1 July

Table S4.2 Annual production/treatment	
Parameter	Units
Hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Recovery	tonnes
End of waste produced	tonnes

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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Water Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form: version 1 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 2, February 2026
Other performance indicators	Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Waste returns	E-Waste Return Form or other form as agreed in writing by the Environment Agency	

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	EPR/DP3892HD
Name of operator	Rig Scorrier Ltd
Location of Facility	Land adjacent to Parc-an-Chy Mine, Treskerby Road, Scorrier, Cornwall, TR16 5AU
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.

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

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

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

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

“pests” means birds, vermin and insects.

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

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

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

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

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

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

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

“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.

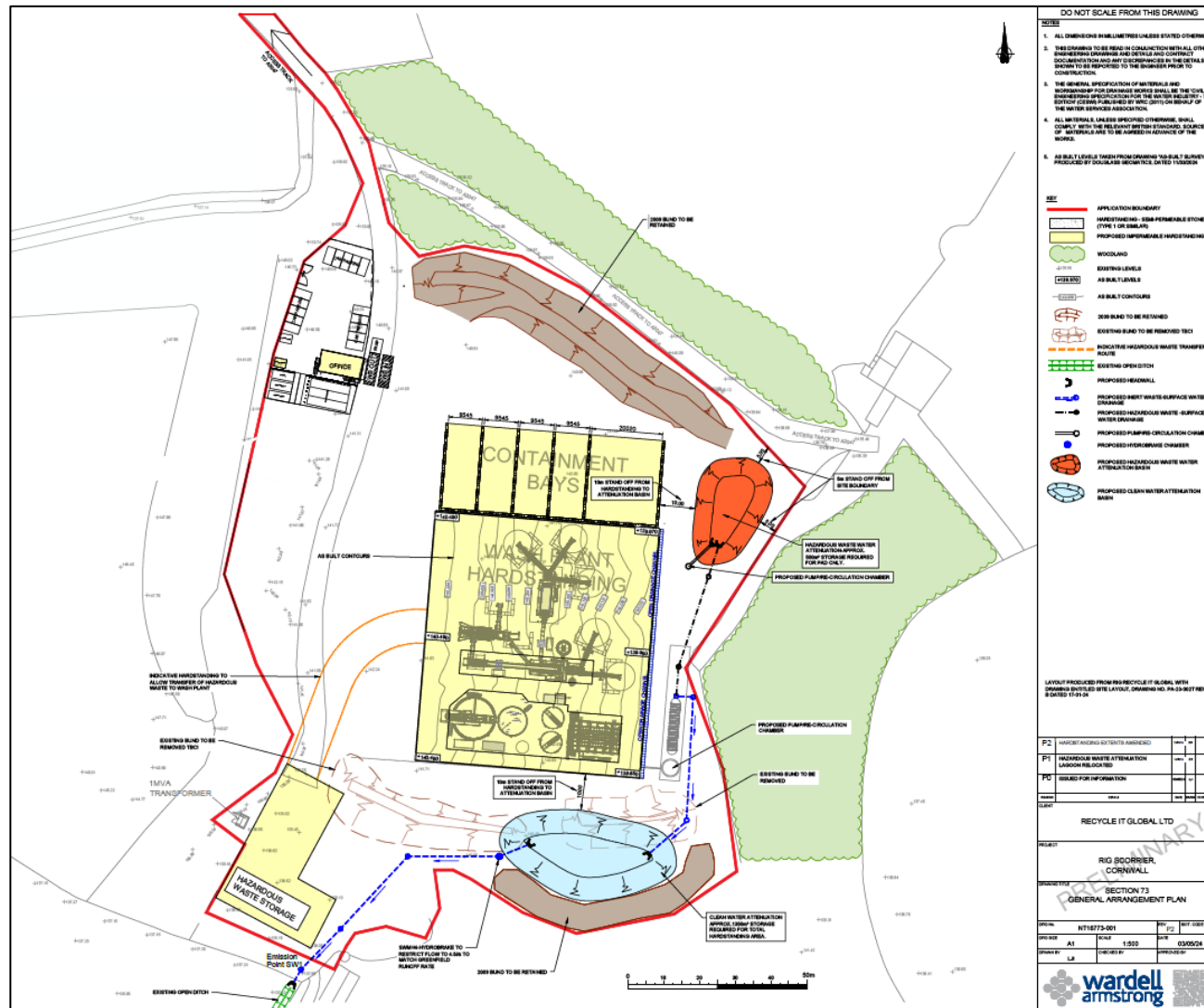
“year” means calendar year ending 31 December.

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

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

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

Schedule 7 – Site plan



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END OF PERMIT

Permit number
EPR/DP3892HD

Ambient Air Monitoring Form

Permit number: [EPR/AB1234CB]

Operator: *[A Company Name Limited]*

Facility name: *[Unit A, Anytown]*

Ambient Air Monitoring Form: version 2, February 2026

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

[illegible]

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 Give the uncertainty associated with the quoted result at the 95% confidence interval. State any confidence intervals that are not 95%.

Process Monitoring Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Process Monitoring Form: version 2, February 2026

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	Measurement 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 Give the uncertainty associated with the quoted result at the 95% confidence interval. State any confidence intervals that are not 95%.

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

Facility name: [Unit A, Anytown]

Operator: [A Company Name Limited]

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.