Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

O.C.O Technology Limited

Avonmouth Aggregate Production Facility
Off Central Avenue
Hallen
Avonmouth
BS10 7SD

Variation application number

EPR/HP3638WW/V005

Permit number

EPR/HP3638WW

Avonmouth Aggregate Production Facility
Permit number EPR/HP3638WW

Introductory note

This introductory note does not form a part of the notice

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

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

The facility treats air pollution control (APC) residues to create an aggregate that can be used in block manufacture, across two treatment lines. APC residues are transferred into a reactor where they are treated with carbon dioxide before being mixed with cement, sand, and water to form pellets. These pellets are then used in block manufacture.

At the request of the operator this variation permits the following changes:

- Addition of a third treatment line under Section 5.3 Part A(1)(a)(vi).
- Increase total hazardous waste storage to 2,625 tonnes under Section 5.6 Part A(1)(a).
- Increase total hazardous waste treatment capacity to 90,000 tonnes per year.
- Increase total binder storage to 400 tonnes.
- Increase total filler storage to 1,280 tonnes.
- Increase total carbon dioxide storage to 100 tonnes.
- New emissions for additional hazardous waste and binder silos.
- Partial surrender (Additional Sand Bay No. 1, Additional Sand Bay No. 2 and permitted sand storage area)
- Increase in permitted area related to the relocation of storage areas.

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/HP3638WW/A001	Duly made 09/07/2015	Application for a thermal treatment residues recycling plant.
Request for Further Information EPR/HP3638WW/A001	Information received 09/06/2015 03/07/2015 09/07/2015	Confirmation of storage and waste types; Confirmation of site boundary; Provision of End of Waste Submission; Submission of Baseline Report; Submission of Opra Profile; Submission of Material Safety Data Sheets; Submission of Environmental Risk Assessment; Submission of BAT appraisal.
Schedule 5 Notice served	21/07/2015	Clarification of additional waste codes in relation to the Operator's end of waste submission and details of the storage capacities and throughputs of waste per annum.

Status log of the permit		
Description	**Date**	**Comments**
Schedule 5 Notice response	27/07/2015	Received and accepted.
Schedule 5 Notice served	24/08/2015	Clarification of continued competence under WAMITAB and request for Application Site Condition Report.
Schedule 5 Notice response	08/09/2015	Received and accepted as complete.
Permit determined EPR/HP3638WW	15/09/2015	Permit issued to Carbon8 Aggregates Limited.
Application EPR/HP3638WW/V002	Duly made 08/02/2017	Application for three additional waste codes and to increase the site boundary.
Additional information received	25/05/2017 30/05/2017 22/06/2017	Response to Schedule 5 Notice dated 11/05/2017 Further response to Schedule 5 Notice dated 11/05/2017 Acceptance of pre-operational condition relating to hydrogen.
Permit determined EPR/HP3638WW/V002	18/07/2017	Permit issued to Carbon8 Aggregates Limited.
Company name updated on Companies House	01/08/19	Company name changed from Carbon8 Aggregates Limited to O.C.O Technology Limited
Application EPR/HP3638WW/V003	Received 13/08/19	Application to vary the permit returned on 04/08/19.
Application EPR/HP3638WW/V004	Duly Made 01/04/20	Application to vary the permit to add additional EWC codes following trials.
Permit determined EPR/HP3638WW/V004	06/01/21	Varied permit issued to O.C.O Technology Limited.
Application EPR/HP3638WW/V005	Duly Made 30/01/2023	Application to vary the permit to add a third treatment line and increase overall throughput and associated storage limits. Increase in permitted area and partial surrender.
Request for Further Information EPR/HP3638WW/V005	Information received 11/01/2023	Submission of updated environmental risk assessment Submission of ISO certificates Submission of revised surrender area plan
Request for Further Information EPR/HP3638WW/V005	Information received 30/01/2023	Submission of Integrated management system manual
Schedule 5 Response	Received 03/05/2023	Clarification regarding compliance with Chemical waste: appropriate measures
Low Risk Surrender EPR/HP3638WW/V005	27/06/2023	Partial surrender of land (Additional Sand Bay No. 1, Additional Sand Bay No. 2 and permitted sand storage area).
Permit determined EPR/HP3638WW/V005 (PAS Billing Ref JP3807LG)	27/06/2023	Permit issued to O.C.O Technology Limited.

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/HP3638WW

Issued to

O.C.O Technology Limited ("the operator")

whose registered office is

Montague Place Quayside
Chatham Maritime
Chatham
Kent
ME4 4QU

company registration number 07247345

to operate a regulated facility at

Avonmouth Aggregate Production Facility
Off Central Avenue
Hallen
Avonmouth
BS10 7SD

to the extent set out in the schedules.

The notice shall take effect from 27/06/2023

Name	Date
Marcus Woodward	**27/06/2023**

Authorised on behalf of the Environment Agency

Schedule 1

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

- Condition 3.5.1 is varied to include reference to point source emissions.
- Condition 4.2.2 is varied to remove reference to activity reference numbers.
- Table S3.3, as referenced by conditions 3.1.1, 3.5.1 and 3.5.4 is amended to include surface water run-off as a source.
- Table S4.4, as referenced by conditions 4.2.2 and 4.2.3 is amended to include updated reporting forms.
- Schedule 6, as referenced by condition 4.4.1 is amended to update industrial emissions directive, recovery and waste framework directive interpretations.

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

- Table S1.1, as referenced by conditions 2.1.1 and 2.3.7 is amended to include additional activity reference numbers and updated drawing reference, as well as hazardous waste, binder, filler and carbon dioxide storage limits.
- Table S1.2, as referenced by conditions 2.3.1 and 2.3.2, is amended to include additional operating techniques including application forms, chemical waste: appropriate measures for permitted facilities, a new site layout and updated BAT assessment.
- Table S2.2, as referenced by condition 2.3.4 is amended to include additional activity reference numbers and increase the total throughput to 90,000 tonnes.
- Table S3.1, as referenced by conditions 3.1.1, 3.5.1 and 3.5.4 is amended to include an updated drawing reference.
- Schedule 7 is amended to include an updated site plan to reflect the updated permitted area and new emissions points.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/HP3638WW

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/HP3638WW/V005 authorising,

O.C.O Technology Limited (“the operator”),

whose registered office is

Montague Place Quayside
Chatham Maritime
Chatham
Kent
ME4 4QU

company registration number 07247345

to operate an installation at

Avonmouth Aggregate Production Facility
Off Central Avenue
Hallen
Avonmouth
BS10 7SD

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

Name	Date
Marcus Woodward	**27/06/2023**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

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

1.2 Energy efficiency

1.2.1 The operator shall:

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

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

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

1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

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

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

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

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

2 Operations

2.1 Permitted activities

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

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

2.2 The site

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

2.3 Operating techniques

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

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

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

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

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 Pre-operational conditions

2.4.1 The operations specified in schedule 1 table S1.3 shall not commence until the measures specified in that table have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

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

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

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

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

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

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

3.3 Odour

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

3.3.2 The operator shall:

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

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

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any

approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

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

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

3.5 Monitoring

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

(a) point source emissions specified in tables S3.1, S3.2 and S3.3.

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

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

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 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 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 or address; 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, AR2 & AR3	S5.3A(1)(a)(vi) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities: Recycling Or Reclamation Of Inorganic Materials Other Than Metals Or Metal Compounds.	R5 Recycling/reclamation of other inorganic materials.	Treating hazardous waste to produce aggregate by reaction with carbon dioxide, blending and pelletising in installation production lines 1, 2 and 3. From receipt of waste to despatch of pellets from the installation. Waste types as specified in table S2.2. Compatible wastes that when mixed will not react may be mixed.
AR4	S5.6A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	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).	Maximum storage capacity of 2,625 tonnes of waste, as listed within table S2.2, at any one time. Waste materials accepted for recovery, to be stored as shown within designated Silos as shown on Drawing No. OCO_2020.03 Site Layout Plan (v1 February 2022). Maximum storage time of 6 months from date of receipt for any waste.
	Directly Associated Activity		
AR5	The handling and storage of wastes.	R13 Storage prior to treatment of non-hazardous wastes.	Handling and storage of wastes shall only be undertaken in areas with an impermeable surface and sealed drainage system.
AR6	Storage of raw materials.	Storage of raw materials for use within activity AR1, AR2 and AR3.	Total storage capacity for cement is 400 tonnes at any one time. Total storage capacity for sand is 1,280 tonnes at any one time. Total storage capacity for carbon dioxide is 100 tonnes at any one time.

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**
AR7	Surface water collection and storage	Collection and storage of uncontaminated roof and site surface water in two underground storage tanks.	From the collection of uncontaminated roof and site surface water from non-operational areas only to re-use within the facility.
AR8	-	Process trials for Treatment Stage 1.	As agreed in response to condition 1 in table S1.3. Waste types as specified in table S2.3. Following successful process trials and approval from the Environment Agency, approved waste types may be accepted on site for the purposes of treatment stage 1, without the need for further permit variations.
AR9	-	Process trials for Treatment Stage 2.	As agreed in response to condition 1 in table S1.3. Waste types as specified in table S2.4. Following successful process trials and approval from the Environment Agency, approved waste types may be accepted on site for the purposes of treatment stage 2, without the need for further permit variations.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/HP3638WW/V002	Form EPB: Application for an environmental permit – Part B3 new bespoke installation permit, Question 3	Duly Made 09/07/2015
Application EPR/HP3638WW/V002	Form EPB: Application for an environmental permit – Part B3 new bespoke installation permit, Appendix 5	Duly Made 09/07/2015
Application EPR/HP3638WW/V002	Form EPB: Application for an environmental permit – Part B2 general - new bespoke permit, Question 3	Duly Made 09/07/2015
Schedule 5 Notice Response EPR/HP3638WW/V002	Confirmation and detail of the proposed throughput of the treatment process, storage volumes and site capacity.	Received 27/07/2015

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Schedule 5 Notice Response EPR/HP3638WW/V002	Confirmation of the waste types and codes to be accepted on site.	Received 27/07/2015
Schedule 5 Notice Response	Environmental Risk Assessment (ref. 1657656.503/A.1) May 2017 Answer to questions 1, 3a, 3b, 3f, 4d and 4e.	Received 22/05/2017
Application EPR/HP3638WW/V004	Appendix F – Procedure for carrying out trials on new waste types. This procedure must be followed. Only wastes from Tables S2.3 and S2.4 subject to successful trial in accordance with this procedure are permitted to be accepted for treatment.	Received 01/04/2020
Chemical waste: appropriate measures for permitted facilities	All that apply	18/11/2020
Application EPR/HP3638WW/V005	Application for an environmental – Part C2 varying a bespoke permit	Duly Made 30/01/2023
Application EPR/HP3638WW/V005	Application for an environmental – Part C3 varying a bespoke permit	Duly Made 30/01/2023
Application EPR/HP3638WW/V005	Appendix F – BAT Assessment_v1 (ref. OCO_2020.03/05_v1) February 2022 Site Layout February 2022 Environmental Risk Assessment_v2 (ref. OCO_2020.03/03_v2) January 2023	Duly Made 30/01/2023
Schedule 5 Notice Response	Chemical waste: appropriate measures for permitted facilities	Received 03/05/2023

Table S1.3 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
1	Trials using wastes specified in tables S2.3 and S2.4 of this permit	A written proposal shall be submitted to the Environment Agency and agreed with the Environment Agency. The proposal shall include the following information as a minimum: 1. Description of trial – including: • The length of time the trials will run; • A comparison of the process against BAT; • Measures taken to prevent accidents and mitigate their consequences; • Success criteria. 2. Waste storage arrangements: Proposed trial capacity: • Per batch/run; • Per day; • Total. 3. Proposed waste types: • Generic waste description, waste producer and process; • EWC codes;

Table S1.3 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
		• Chemical composition; • Hazards that the process is targeting; • Other hazards not being targeted. 4. Proposed raw material types: • Generic description; • Chemical composition. 5. Description of any changes to emissions, including emission points, concentrations and quantities to air and water and to those described in the original application (including a review of the existing environmental risk assessment).

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
-	-

Table S2.2 Permitted waste types and quantities for hazardous treatment	
Maximum quantity	Maximum throughput of 90,000 tonnes per year. Activity AR1, AR2, AR3 and AR4.
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
10	**WASTES FROM THERMAL PROCESSES**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 02	coal fly ash
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 16*	fly ash from co-incineration containing hazardous substances
10 01 18*	wastes from gas cleaning containing hazardous substances
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
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
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 07*	solid wastes from gas treatment
19 01 11*	bottom ash and slag containing hazardous substances
19 01 13*	fly ash containing hazardous substances
19 01 14	fly ash other than those mentioned in 19 01 13 (if mixed with APC residues)
19 01 15*	boiler dust containing hazardous substances
19 01 17*	pyrolysis wastes containing hazardous substances
19 04	**vitrified waste and wastes from vitrification**
19 04 02*	fly ash and other flue-gas treatment wastes

Table S2.2 Permitted waste types and quantities for hazardous treatment	
Maximum quantity	Maximum throughput of 90,000 tonnes per year. Activity AR1, AR2, AR3 and AR4.
Waste code	Description
19 11	**wastes from oil regeneration**
19 11 07*	wastes from flue-gas cleaning

Table S2.3 Potentially acceptable waste for treatment stage 1, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
10	**WASTES FROM THERMAL PROCESSES**	
10 01	**wastes from power stations and other combustion plants (except 19)**	
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	Suitable for use in the manufacture of carbonated aggregate.
10 01 02	coal fly ash	Suitable for use in the manufacture of carbonated aggregate.
10 01 03	fly ash from peat and untreated wood	Suitable for use in the manufacture of carbonated aggregate.
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form	Suitable for use in the manufacture of carbonated aggregate.
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14	Suitable for use in the manufacture of carbonated aggregate.
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16	Suitable for use in the manufacture of carbonated aggregate.
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18	Suitable for use in the manufacture of carbonated aggregate.
10 01 24	Sand from fluidised beds	Suitable for use in the manufacture of carbonated aggregate.
10 02	**wastes from the iron and steel industry**	
10 02 01	wastes from the processing of slag	Suitable for use in the manufacture of carbonated aggregate.
10 02 07*	solid wastes from gas treatment containing hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07	Suitable for use in the manufacture of carbonated aggregate.
10 03	**wastes from aluminium thermal metallurgy**	
10 03 29*	wastes from treatment of salt slags and black drosses containing hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
10 11	**wastes from manufacture of glass and glass products**	

Table S2.3 Potentially acceptable waste for treatment stage 1, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
10 11 15*	solid wastes from flue-gas treatment containing hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15	Suitable for use in the manufacture of carbonated aggregate.
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**	
10 12 09*	solid wastes from gas treatment containing hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09	Suitable for use in the manufacture of carbonated aggregate.
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**	
10 13 04	wastes from calcination and hydration of lime	Suitable for use in the manufacture of carbonated aggregate.
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)	Suitable for use in the manufacture of carbonated aggregate.
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10	Suitable for use in the manufacture of carbonated aggregate.
10 13 12*	solid wastes from gas treatment containing hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12	Suitable for use in the manufacture of carbonated aggregate.
10 13 14	waste concrete and concrete sludge	Granular material only, probably pre-treated elsewhere to ensure the physical characteristics are acceptable. Sludge wastes will not be accepted.
15	**WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**	
15 02	**absorbents, filter materials, wiping cloths and protective clothing**	
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances	Granular material only (only mineral based absorption media e.g. calcium carbonate or silica powder) used for gas filtration, no textiles or fibre-based materials.
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	Granular material only (only mineral based absorption media e.g. calcium carbonate or silica powder) used for gas filtration, no textiles or fibre-based materials.
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**	
16 08	**spent catalysts**	

Table S2.3 Potentially acceptable waste for treatment stage 1, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified	Suitable for use in the manufacture of carbonated aggregate.
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)	Suitable for use in the manufacture of carbonated aggregate.
16 08 07*	spent catalysts contaminated with hazardous substances	Suitable for use in the manufacture of carbonated aggregate.
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	Suitable for use in the manufacture of carbonated aggregate.
19 01 14	fly ash other than those mentioned in 19 01 13	Suitable for use in the manufacture of carbonated aggregate.
19 01 16	boiler dust other than those mentioned in 19 01 15	Suitable for use in the manufacture of carbonated aggregate.
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17	Suitable for use in the manufacture of carbonated aggregate.
19 01 19	sands from fluidised beds	Suitable for use in the manufacture of carbonated aggregate.

Table S2.4 Potentially acceptable waste for treatment stage 2, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
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	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Non-hazardous materials from mineral processing.
01 01 02	wastes from mineral non-metalliferous excavation	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Including materials such as overburden etc.
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	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Non-hazardous materials from the separation of ore.

Table S2.4 Potentially acceptable waste for treatment stage 2, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Non-hazardous materials from the separation of ore.
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	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
01 04 09	waste sand and clays	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
10	**WASTES FROM THERMAL PROCESSES**	
10 03	**wastes from aluminium thermal metallurgy**	
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29	Suitable for use in the manufacture of carbonated aggregate.
10 11	**wastes from manufacture of glass and glass products**	
10 11 05	particulates and dust	Granular materials only. Suitable for use in the manufacture of carbonated aggregate.
10 11 12	waste glass other than those mentioned in 10 11 11	Granular materials only, suitable for use as a sand replacement.
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**	
10 12 03	particulates and dust	Granular materials only. Suitable for use in the manufacture of carbonated aggregate.
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
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	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Soils will not be processed.
17 05 06	dredging spoil other than those mentioned in 17 05 05	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials. Soils and sludges will not be processed.
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**	

Table S2.4 Potentially acceptable waste for treatment stage 2, pending successful trial and approval from the Environment Agency		
Maximum Quantity	**Maximum throughput to be confirmed following approval of a submitted proposal to the Environment Agency.**	
Waste code	**Description**	**Detail**
19 04	**vitrified waste and wastes from vitrification**	
19 04 01	vitrified waste	Granular material only. Secondary waste derived from others already listed.
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**	
19 12 05	glass	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.
19 12 09	minerals (for example sand, stones)	Granular materials only, suitable for use as a sand replacement, to avoid consumption of virgin materials.

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
Vents on storage silos and tanks as shown on plan Drawing No. OCO_2020.03 Site Layout Plan (v1 February 2022)	Residue (APCr), CO_2 and cement silo vents, via filters	No parameters set	No limits set	-	-	-
Air extraction units from pelletising building	APCr pelletising line	No parameters set	No limits set	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
'Existing outfall pipe' as shown on site drainage plan, drawing reference 4258-004N (River Rhine)	Uncontaminated rainwater run-off	No parameters set	No limits set	-	-	-

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
Two Stage Weir Silt Trap as shown on the site drainage plan (drawing No. 4258-004)	Surface water run-off	Particulates	-	-	Weekly	Visual
Three Stage Interceptor as shown on the site drainage plan (drawing No. 4258-004)		Oil & Grease	-	-	Weekly	Visual

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**
-	-	-	-

Table S4.2 Annual production/treatment	
Parameter	**Units**
Waste throughput – for recovery	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	tonnes
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
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

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	

(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.

“APCr” means Air Pollution Control Residue.

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

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

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

“emissions to land” includes emissions to groundwater.

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

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration 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, tables 2.2, 2.3 and 2.4, for those tables, they have the meaning given below:

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

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

“PCBs” means:

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

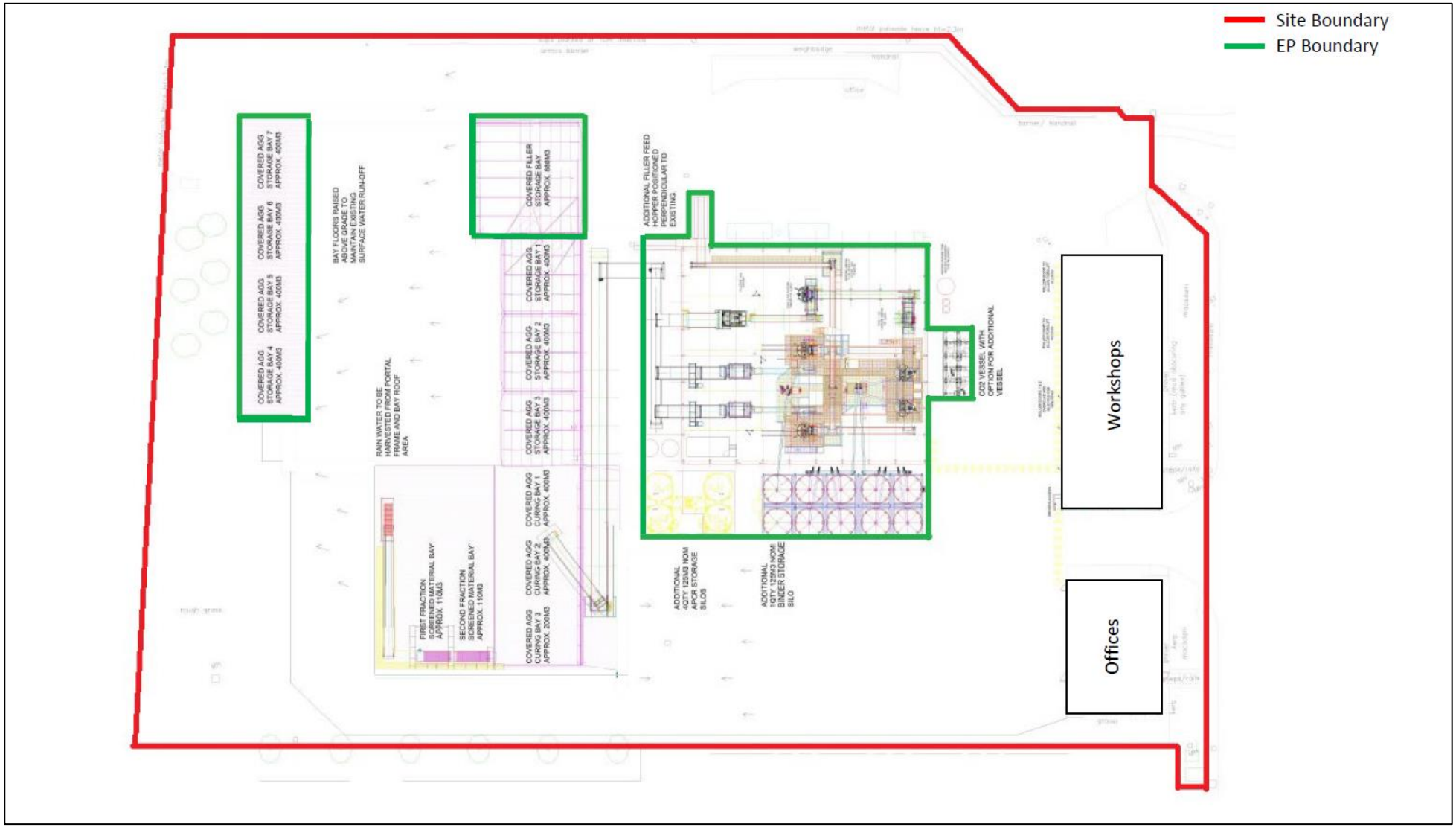
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

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

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

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

Schedule 7 – Site plan



END OF PERMIT