



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Council of the Isles of Scilly

Porthmellon Waste Management Site
Porth Mellon
St Mary's
Isles of Scilly
TR21 0JY

Permit number
EPR/HP3539EQ

Porthmellon Waste Management Site

Permit Number EPR/HP3539EQ

Introductory note

This introductory note does not form a part of the permit

The Porthmellon Waste Management Site is located to the south-east of Hugh Town, St. Mary's, Isles of Scilly. It is situated on the outskirts of a residential area next to an industrial park.

The site is currently operational and has been accepting waste for a number of decades. Waste materials such as soil, green waste and construction and demolition waste have not historically had an onwards disposal or recovery route from the islands and as a result, volumes of stockpiled wastes have increased at the site. Incinerator Bottom Ash (IBA), general waste and bulky waste have also accumulated at the site. It is now necessary to clear the stockpiled waste to allow redevelopment of the site as part of an overall waste strategy for the Isles of Scilly.

This permit allows the processing of up to 40,000 tonnes of legacy waste currently stored in stockpiles on the Porthmellon Waste Management Site. Once it has been processed the majority of the waste will be transferred off site for recovery or disposal, with some of the waste reused on site as part of the redevelopment.

The waste is predominately non-hazardous, with limited hazardous waste being present as fragmented asbestos. It is estimated that there is no more than 20 tonnes of asbestos at the site. Once separated from the other waste, asbestos will be double-bagged and stored within clearly identified, segregated, secure, lockable containers. Non-hazardous wastes can be bulked up for disposal or recovery and can also be treated by sorting, screening, shredding, crushing, compaction and blending as detailed in Table S1.1. Soil flushing, soil washing, solidification and stabilisation are also permitted subject to the fulfilment of pre-operational condition 1 (PO1) specified in Table S1.3.

This permit also allows the storage and processing of additional Incinerator Bottom Ash (IBA). As well as the legacy IBA already stockpiled on site, up to 700 tonnes of IBA may be accepted each year. The IBA accepted at the site will be entirely produced by the neighbouring Porthmellon Waste Management Site Incineration Plant, post 1 February 2014. This permit does not permit the burning of any wastes, either in the open, inside buildings or in any form of incinerator. A separate permit already issued to the Council of the Isles of Scilly covers the operation of the incineration plant.

Newly generated IBA may be stored and processed pending reuse on site or removal off-site for disposal or recovery either on the mainland or elsewhere on the Isles of Scilly. Processing will predominately consist of sorting, screening and blending. As with the legacy waste; soil flushing, soil washing, solidification and stabilisation are also permitted subject to the fulfilment of pre-operational condition 1 (PO1) specified in Table S1.3.

Newly generated IBA must not be stored for longer than 3 years and must be clearly distinguishable and separate from the legacy IBA already at the site. The Newly generated IBA will be stored in a way which minimises emissions to surface water, groundwater and air.

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

Status Log of the permit		
Detail	Date	Comments
Bespoke permit application received EPR/HP3539EQ/A001	07/10/2013	Bespoke permit to clear and process legacy waste stockpiled at the site and to accept, store and process additional IBA
Additional information received	04/12/2013	Information including technical competency details, updated risk assessment and confirmation of hazardous waste on site
Additional information received	17/01/2014	Information including non-technical summary for the acceptance, storage and processing of Incinerator Bottom Ash and an updated site plan
Permit application EPR/HP3539EQ/A001	Duly made 17/01/2014	Application Duly Made
Additional information received	10/03/2014	Document Ref: HRA 009 Proposed Environmental Monitoring Locations Plan
Additional information received	14/03/2014	Document Ref: 002 Rev2 Proposed Environmental Permit Boundary. Document Ref: 416.03263.00001/NTSv1.1, March 2014 – Addendum to non-technical summary
Permit issued EPR/HP3539EQ	14/04/2014	Permit issued to the Council of the Isles of Scilly

End of Introductory Note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/HP3539EQ

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Council of the Isles of Scilly (“the operator”),

whose registered office is

Town Hall
St Mary’s
Isles of Scilly
TR21 0LW

to operate a regulated facility at

Porthmellon Waste Management Site
Porth Mellon
St Mary’s
Isles of Scilly
TR21 0JY

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

Name	Date
Emma Pemberton	14/04/2014

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 (or other approved/issued by the Environment Agency).

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 waste 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 excluding the land shown edged in red on the site plan, at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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.
- (b) 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 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.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1 and S2.2 and,
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.3 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.
- 2.3.4 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 Pre-operational conditions

- 2.5.1 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 table S3.1.
- 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;

- (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 table S3.1;
- (b) ambient air 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 table S3.1 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, hazard or annoyance from pests;
- (b) implement the pests management 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 S4.2 using the forms specified in table S4.3 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 S4.3 ; 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 (a) In the event 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) in the event 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) in the event 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(a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, 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	Limits of specified activity
A1	S5.4 A(1)(a)(ii)	<p>Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day; involving physico-chemical treatment.</p> <p>Treatment consisting of sorting, screening, shredding, crushing and blending (D09, D13, D14, D15).</p>	<p>Handling, storage and treatment of non-hazardous bulky waste and mixed waste prior to off site transfer for disposal.</p> <p>No processed waste will remain on site for longer than 12months, unless it is to be reused on site.</p> <p>Waste types as specified in Table S2.1</p>
A2	S5.4 A(1)(a)(ii)	<p>Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day; involving physico-chemical treatment.</p> <p>Treatment consisting of sorting, screening, shredding, crushing and blending (D09, D13, D15).</p> <p>Treatment consisting of soil flushing, soil washing, solidification and stabilisation (D09, D13, D15).</p>	<p>Handling, storage and treatment of non-hazardous soil and green waste prior to off site transfer for disposal.</p> <p>No processed waste will remain on site for longer than 12months, unless it is to be reused on site.</p> <p>Soil flushing, soil washing, solidification and stabilisation are subject to the fulfilment of Pre-operational measure 1(PO1) as specified in Table S1.3</p> <p>Waste types as specified in Table S2.1</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
A3	S5.4 A(1)(a)(ii)	<p>Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day; involving physico-chemical treatment.</p> <p>Treatment consisting of sorting, screening, shredding, crushing and blending (D09, D13, D15).</p> <p>Treatment consisting of soil flushing, soil washing, solidification and stabilisation (D09, D13, D15).</p>	<p>Handling, storage and treatment of non-hazardous construction and demolition waste prior to off site transfer for disposal.</p> <p>No processed waste will remain on site for longer than 12months, unless it is to be reused on site.</p> <p>Soil flushing, soil washing, solidification and stabilisation are subject to the fulfillment of Pre-operational measure 1(PO1) as specified in Table S1.3</p> <p>Waste types as specified in Table S2.1</p>
A4	S5.4 A(1)(b)(iii)	<p>Recovery or a mix of recovery or disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day; treatment of slags and ashes.</p> <p>Treatment consisting of sorting, screening and blending (D09, D13, D15, R4, R5, R13).</p> <p>Treatment consisting of soil flushing, soil washing, solidification and stabilisation (D09, D13, D15, R4, R5, R13).</p>	<p>Handling, storage and treatment of non-hazardous legacy incinerator bottom ash prior to off site transfer for recovery or disposal, or use in on site restoration.</p> <p>Incinerator bottom ash produced by the neighbouring Porthmellon Waste Management Site Incineration Plant, prior to 1 February 2014¹.</p> <p>No processed waste will remain on site for longer than 12months, unless it is to be reused on site.</p> <p>Soil flushing, soil washing, solidification and stabilisation are subject to the fulfillment of Pre-operational measure 1(PO1) as specified in Table S1.3</p> <p>Waste types as specified in Table S2.1</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Description of activities for waste operations			
A5	Treatment and Temporary storage of hazardous waste.	<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D09 - Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12</p>	<p>Asbestos waste arising from on site treatment processes.</p> <p>The maximum quantity of hazardous waste treated at the site shall not exceed 10 tonnes per day.</p> <p>The maximum quantity of hazardous waste stored at the site shall not exceed 50 tonnes.</p> <p>Legacy waste consists of mixed hazardous and non-hazardous waste. Post treatment, waste shall not be mixed as described in condition 2.4.1.</p> <p>Waste types as specified in Table S2.1</p>
A6	Treatment of soil and green waste prior to recovery	<p>R03 - Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R13 - Storage of wastes pending any of the operations numbered R01 to R12</p>	<p>Handling, storage and treatment of non-hazardous soil and green waste prior to off site transfer for recovery or use in on site restoration.</p> <p>Treatment consisting of sorting , screening, shredding, crushing and blending</p> <p>Treatment consisting of sorting , screening, blending, soil flushing, soil washing, solidification and stabilisation</p> <p>Treatment consisting of soil flushing, soil washing, solidification and stabilisation are subject to the fulfilment of Pre-operational measure 1(PO1) as specified in Table S1.3</p> <p>Waste types as specified in Table S2.1</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
A7	Treatment of construction and demolition waste prior to recovery	<p>R04 - Recycling/reclamation of metals and metal compounds</p> <p>R05 - Recycling/reclamation of other inorganic materials</p> <p>R13 - Storage of wastes pending any of the operations numbered R01 to R12</p>	<p>Handling, storage and treatment of non-hazardous construction and demolition waste prior to off site transfer for recovery or use in on site restoration.</p> <p>Treatment consisting of sorting, screening, shredding, crushing and blending.</p> <p>Treatment consisting of soil flushing, soil washing, solidification and stabilisation are subject to the fulfilment of Pre-operational measure 1(PO1) as specified in Table S1.3</p> <p>Waste types as specified in Table S2.1</p>
A8	Fragmenter	<p>D09 - Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12</p> <p>D15 - Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).</p>	<p>Manual and mechanical sorting, separation, screening, crushing and shredding of bulky waste prior to incineration</p> <p>Size reduction of stockpiled waste and other bulky waste received at the site</p> <p>Waste types as specified in Table S2.1</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
A9	Treatment and temporary storage of incinerator bottom ash (produced post 1 February 2014 ¹)	<p>R04 - Recycling/reclamation of metals and metal compounds</p> <p>R05 - Recycling/reclamation of other inorganic materials</p> <p>R13 - Storage of wastes pending any of the operations numbered R01 to R12</p> <p>D13 - Blending or mixing prior to submission to any of the operations numbered D01 to D12</p> <p>D15 - Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).</p> <p>D09 - Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12</p>	<p>The receipt, handling, storage and treatment of non-hazardous incinerator bottom ash produced by the neighbouring Porthmellon Waste Management Site Incineration Plant, post 1 February 2014¹.</p> <p>No IBA shall be accepted under this permit until written permission has been given by the Environment Agency under Pre-operational measure 3 (PO3) as specified in Table S1.3</p> <p>Wastes shall be stored on site for no longer than 3 years prior to recovery or disposal. It must be clearly distinguishable and separate from the legacy IBA already at the site.</p> <p>No processed waste will remain on site for longer than 12months, unless it is to be reused on site.</p> <p>Treatment consisting of sorting, screening, blending, soil flushing, soil washing, solidification and stabilisation.</p> <p>Soil flushing, soil washing, solidification and stabilisation are subject to the fulfilment of Pre-operational measure 1 (PO1) as specified in Table S1.3.</p> <p>Waste types as specified in Table S2.2</p>
<p>Note 1 – IBA produced prior to 1 February 2014 is considered 'legacy waste', IBA produced post 1 February 2014 is considered as 'new waste'. This activity must be carried out in accordance to Pre-operational measure 3 (PO3)</p>			

Table S1.2 Operating techniques		
Description	Parts	Date Received
Variation application TP3732SE/V002	Document Ref: 416-03263-00002/OT Fragmenter operating techniques and management plan	01/03/2011
Variation application TP3732SE/V002	Document Ref: 416.03263.00002/SCR, January 2011 - Site Condition Report	03/03/2011
Application	Document Ref: 416.03263.00001/SCR, September 2013 Site Condition Report in response to Part B2, section 6b of the application form	07/10/2013
Application, additional Information	Letter – RE: Not Duly Made Response – Porthmellon Waste Management Site, Port Mellon, Isles of Scilly (Dated 4 December 2013)	04/12/2013
Application, additional Information	(Amended) Non-Technical Summary (v 1.1) in response to Part B2, section 6c of the application form	17/01/2014
Application, additional Information	(Amended) Best Available Techniques and Operating Techniques Document (v 1.1) in response to Part B4, sections 6 a, b, c, d and e of the application form	17/01/2014
Application, additional Information	(Amended) H1 Environmental Risk Assessment (v 1.2)	17/01/2014
Application, additional Information	Procedure for Asbestos Cement Removal - Rev 1 Method Statement and Briefing Note for the Removal of Asbestos Containing Materials – Rev 1 (bulky and domestic waste)	17/01/2014
Application, additional Information	Not Duly Made Response – Letter – RE: Isles of Scilly - IBA and hazardous waste - request for Additional information #2 (Dated 17 January 2014)	17/01/2014
Additional information	Document Ref: HRA 009 Proposed Environmental Monitoring Locations Plan	10/03/2014
Additional information	Document Ref: 416.03263.00001/NTSv1.1, March 2014 – Addendum to non-technical summary	14/03/2014

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
PO1	Prior to the commencement of treatment consisting of soil flushing, soil washing, solidification or stabilisation the operator shall submit a written method statement and risk assessment for each of these treatment methods to the Environment Agency for approval. No waste shall be treated by soil flushing, soil washing, solidification or stabilisation unless agreed in writing with the Environment Agency.
PO2	<p>The operator shall provide a method statement that covers the removal of asbestos from the waste to ensure that all waste taken off site is non-hazardous. The method statement shall also provide details of the asbestos air monitoring to be undertaken when treating waste in which asbestos has been identified or is suspected.</p> <p>Prior to any waste which may contain asbestos being removed from the site, the operator shall submit a written method statement to the Environment Agency for approval.</p>
PO3	Prior to commencement of activities under Activity Reference A9 in table S1.1, the operator shall sample and test the new IBA in accordance with the standards set out in the Environmental Services Association 'Sampling and Testing Protocol for the Assessment of Hazard Status of Incinerator Bottom Ash'. The results of this test shall be submitted to the Environment Agency. No new IBA shall be accepted under this permit without agreement in writing with the Environment Agency.

Schedule 2 - Waste types

Table S2.1 Permitted waste types and quantities – processing of legacy waste for the following activities referenced in schedule 1 table S1.1 (A1, A2, A3, A4, A5, A6, A7 and A8)

Maximum Quantities	
<ul style="list-style-type: none"> The total quantity of legacy waste processed under this permit shall not exceed 40,000 tonnes 	
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 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
10	WASTES FROM THERMAL PROCESSES
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09

Table S2.1 Permitted waste types and quantities – processing of legacy waste for the following activities referenced in schedule 1 table S1.1 (A1, A2, A3, A4, A5, A6, A7 and A8)

Maximum Quantities	
<ul style="list-style-type: none"> The total quantity of legacy waste processed under this permit shall not exceed 40,000 tonnes 	
Waste code	Description
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
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 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
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 01	wood
17 02 02	glass
17 02 03	plastic
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 03 03*	coal tar and tarred products
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 09*	metal waste contaminated with dangerous substances
17 04 10*	cables containing oil, coal tar and other dangerous substances
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing dangerous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing dangerous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing dangerous substances
17 05 08	track ballast other than those mentioned in 17 05 07

Table S2.1 Permitted waste types and quantities – processing of legacy waste for the following activities referenced in schedule 1 table S1.1 (A1, A2, A3, A4, A5, A6, A7 and A8)

Maximum Quantities	
<ul style="list-style-type: none"> The total quantity of legacy waste processed under this permit shall not exceed 40,000 tonnes 	
Waste code	Description
17 06	insulation materials and asbestos-containing construction materials
17 06 01*	insulation materials containing asbestos
17 06 03*	other insulation materials consisting of or containing dangerous substances
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05*	construction materials containing asbestos
17 08	gypsum-based construction material
17 08 01*	gypsum-based construction materials contaminated with dangerous substances
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 01*	construction and demolition wastes containing mercury
17 09 02*	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 11*	bottom ash and slag containing dangerous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 15*	boiler dust containing dangerous substances
19 01 16	boiler dust other than those mentioned in 19 01 15
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	wood other than that mentioned in 19 12 06
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing dangerous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Table S2.1 Permitted waste types and quantities – processing of legacy waste for the following activities referenced in schedule 1 table S1.1 (A1, A2, A3, A4, A5, A6, A7 and A8)

Maximum Quantities	
<ul style="list-style-type: none"> The total quantity of legacy waste processed under this permit shall not exceed 40,000 tonnes 	
Waste code	Description
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 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 40	metals
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 03	street-cleaning residues
20 03 07	bulky waste

Table S2.2 Permitted waste types and quantities – Storage and treatment of newly generated Incinerator Bottom Ash (IBA) for the following activities referenced in schedule 1 table S1.1 (A9)

Maximum Quantities	
<p>The total quantity of incinerator bottom ash (IBA) accepted at the site shall not exceed 700 tonnes per year (this is excluding the legacy IBA already stored on site)</p>	
Waste code	Description
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 11*	bottom ash and slag containing dangerous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 15*	boiler dust containing dangerous substances
19 01 16	boiler dust other than those mentioned in 19 01 15
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1	No parameters set	Surface water runoff	No limit set	--	--	--

Table S3.2 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Note 1	Asbestos fibres	Note 1	Note 1	Note 1
Note 1 – to be confirmed in writing with the Environment Agency under pre-operational condition 2 (PO2) specified in Table S1.3.				

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
Ambient air monitoring parameters as required by condition 3.5.1	Note 1	Note 1	14/04/2014
Note 1 – to be confirmed in writing with the Environment Agency under pre-operational condition 2 (PO2) specified in Table S1.3.			

Table S4.2 Annual production/treatment		
Parameter	Frequency of assessment	Units
Legacy Waste Processed	Annually	Tonnes
Waste Imported (new IBA)	Annually	Tonnes
New IBA Processed	Annually	Tonnes
Total Waste sent off site for recovery	Annually	Tonnes
Total Waste sent off site for disposal	Annually	Tonnes
Water usage	Annually	m ³ per tonne of processed waste

Table S4.3 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	14/04/2014
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	14/04/2014
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	14/04/2014

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/HP3539EQ
Name of operator	Council of the Isles of Scilly
Location of Facility	Porthmellon Waste Management Site Porth Mellon St Mary's Isles of Scilly TR21 0JY
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	
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 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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“Bottom Ash” means ash falling through the grate. See also *“incinerator bottom ash (IBA)”*

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

“disposal” means a disposal operation 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 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

“hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“incinerator bottom ash (IBA)” is a relatively coarse ash produced from the incineration of municipal solid waste

“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 on waste.

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

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

“WFD” means Waste Framework Directive Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

