

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

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Mick George Limited

Mepal Soil and Waste Treatment Centre  
Witcham Meadlands Landfill Site  
Block Fen Drove  
Mepal  
Chatteris  
Cambridgeshire  
CB6 2AY

**Variation application number**

EPR/EP3492SP/V007

**Permit number**

EPR/EP3492SP

# Mepal Soil and Waste Treatment Centre

## Permit number EPR/EP3492SP

### 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.

This application seeks to vary the existing Environmental Permit at the Mepal Soil and Waste Treatment Centre to allow the treatment of waste soils and aggregates containing asbestos. The purpose of the activity is to segregate the bonded asbestos from the soils/aggregates to allow the soils and aggregates to proceed with further treatment via the soil washing facility that is currently regulated under the environmental permit. The bonded asbestos, once separated from the incoming waste streams, will be double bagged and then sent on to the Mepal Landfill Site for disposal, where Mick George operates a permitted landfill with a separate asbestos disposal cell. The operator also seeks to add four additional waste codes to the permit.

The site is currently authorised to treat hazardous wastes for both recovery and disposal.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/EP3492SP/A001	17/08/2009	Application soil washing facility.
Permit determined EPR/EP3492SP (EAWML101125)	11/08/2010	Original permit issued to Mick George Limited.
Variation application EPR/EP3492SP/V002	28/11/2012	Application to vary permit to include two listed activities.
Variation determined EPR/EP3492SP/V002	25/02/2013	Varied and consolidated permit issued in modern condition format.
Agency variation determined EPR/EP3492SP/V003	04/03/2014	Agency variation to implement the changes introduced by IED.
Variation Application EPR/EP3492SP/V004	19/10/2015	Application to vary the permit to include additional waste codes.
Variation determined EPR/EP3492SP/V004 (PAS billing reference: XP3938RH)	03/02/2016	Varied permit issued.
Variation application EPR/EP3492SP/V005	19/04/2016	Application to vary the permit to include additional waste codes.
Variation determined EPR/EP3492SP/V005 (PAS billing reference: FP3630DM)	16/05/2016	Varied permit issued.
Variation application EPR/EP3492SP/V006	05/09/2016	Application to vary the permit to include additional waste codes.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Variation determined EPR/EP3492SP/V006 (PAS billing reference: PP3336DD)	21/10/2016	Variation Permit Issued.
Application EPR/EP3492SP/V007 (variation and consolidation)	Duly made 30/04/2018	Application to vary permit to allow the treatment of waste soils and aggregates containing asbestos, to add four additional waste codes and to update the permit to modern conditions.
Variation determined EPR/EP3492SP (PAS billing reference: WP3833QD)	12/02/2019	Varied permit issued.

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/EP3492SP

### Issued to

**Mick George Limited** (“the operator”)

whose registered office is

**6 Lancaster Way  
Ermine Business Park  
Huntingdon  
Cambridgeshire  
PE29 6XU**

company registration number 02417831

to operate a regulated facility at

**Mepal Soil and Waste Treatment Centre  
Witcham Meadlands Landfill Site  
Block Fen Drove  
Mepal  
Chatteris  
Cambridgeshire  
CB6 2AY**

to the extent set out in the schedules.

The notice shall take effect from 12/02/2019

Name	Date
Philip Lamb	12/02/2019

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/EP3492SP**

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/EP3492SP/V007** authorising,

**Mick George Limited** (“the operator”),

whose registered office is

**6 Lancaster Way  
Ermine Business Park  
Huntingdon  
Cambridgeshire  
PE29 6XU**

company registration number 02417831

to operate an installation at

**Mepal Soil and Waste Treatment Centre  
Witcham Meadlands Landfill Site  
Block Fen Drove  
Mepal  
Chatteris  
Cambridgeshire  
CB6 2AY**

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

<b>Name</b>	<b>Date</b>
<b>Philip Lamb</b>	<b>12/02/2019</b>

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

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

### 1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR7 the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR7 the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## 2 Operations

### 2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR7 waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### 2.2 The site

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

### 2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3, S2.4 and S2.5; 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.



## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

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

### **3.2 Emissions of substances not controlled by emission limits**

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

### **3.3 Odour**

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

### **3.4 Noise and vibration**

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

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.5 Monitoring**

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

- (a) point source emissions specified in tables S3.1 and S3.2; and
- (b) process monitoring specified in table 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.

## 4 Information

### 4.1 Records

4.1.1 All records required to be made by this permit shall:

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

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR7, 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(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 “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	S5.3 A(1)(a)(i)	<p><b>Bioremediation of hazardous waste</b></p> <p><b>Disposal or recovery</b> of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment.</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p> <p><b>D8:</b> Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12</p>	<p>Bioremediation process for hazardous waste recovery.</p> <p>No liquid wastes are permitted.</p> <p>Hazardous waste types and quantities as specified within table S2.4.</p>
AR2	S5.4 A(1)(b)(i)	<p><b>Bioremediation of non-hazardous waste</b></p> <p><b>Recovery</b> or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment.</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p>	<p>Bioremediation process for non-hazardous waste recovery.</p> <p>No liquid wastes are permitted.</p> <p>Non-hazardous waste types and quantities as specified within table S2.4.</p>
AR3	S5.3 A(1)(a)(ii)	<p><b>Physical treatment of hazardous waste - Stabilisation</b></p> <p><b>Disposal</b> or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.</p> <p><b>D9:</b> Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12.</p>	<p>Stabilisation process for hazardous waste disposal.</p> <p>Hazardous waste types and quantities as specified within table S2.3.</p>
AR4	S5.4 A(1)(a)(ii)	<p><b>Physical treatment of non-</b></p>	<p>Stabilisation process for non-</p>

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
		<p><b>hazardous waste - Stabilisation</b></p> <p><b>Disposal</b> of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.</p> <p><b>D9:</b> Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12, e.g. evaporation, drying, calcination.</p>	<p>hazardous waste disposal.</p> <p>Non-hazardous waste types and quantities as specified within table S2.3.</p>
AR5	S5.3 A(1)(a)(ii)	<p><b>Physical treatment of hazardous waste – Soil Washing</b></p> <p>Disposal or <b>recovery</b> of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p>	<p><b>Soil washing</b> process for <b>hazardous</b> waste recovery.</p> <p>Hazardous waste types and quantities as specified within table S2.2.</p> <p>No liquid wastes are permitted.</p>
AR6	S5.3 A(1)(a)(ii)	<p><b>Physical treatment of hazardous waste - Asbestos</b></p> <p><b>Disposal</b> or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.</p> <p><b>D9:</b> Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12.</p>	<p>Asbestos removal from soils and construction and demolition waste.</p> <p>From receipt of hazardous waste through to storage of treated waste prior to being subject to bioremediation and / or stabilisation or sent off-site for disposal.</p> <p>Treatment consisting only of hand picking of identifiable pieces of bonded asbestos from waste soils in a dedicated enclosed picking line located within the building labelled as 'Asbestos Treatment Building'</p> <p>Asbestos removed from the soil shall be double bagged and kept within clearly identified, segregated, secure, lockable container located within the building labelled as 'Asbestos Treatment Building'.</p> <p>All treatment and storage shall take place on an impermeable surface with a sealed drainage system within</p>

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
			<p>the building labelled as 'Asbestos Treatment Building' as shown on drawing number 208-Building Rev. 2, dated 30/10/2018.</p> <p>Subject to any other requirements of this permit wastes shall be stored for no longer than 6 months prior to disposal.</p> <p>Waste types and quantities as specified in Table S2.5.</p>
AR7	S5.6 A(1)(a)	<p><b>The storage of hazardous waste.</b></p> <p>The temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in sections 5.1, 5.2 and 5.3.</p> <p><b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p><b>R13:</b> Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).</p>	<p>The temporary storage of hazardous waste.</p> <p>Hazardous waste types as specified in tables S2.2, S2.3, S2.4 and S2.5.</p> <p>Asbestos storage prior to treatment is limited to 4,000 tonnes at any one time.</p> <p>Subject to any other requirements of this permit wastes shall be stored for no longer than 6 months prior to disposal.</p>
<b>Activity reference</b>	<b>Directly Associated Activity</b>		
AR8	Fuel storage	Storage of diesel.	From receipt of fuel to use on-site for power generation.
AR9	Water storage	Collection and storage of process water.	From collection of process water to re-use within the facility or discharge to foul sewer or tankering off site for further treatment.
AR10	Waste storage	<p>Temporary storage of non-hazardous waste</p> <p><b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>From the receipt of non-hazardous waste to despatch for on-site operations or off-site disposal.</p> <p>Includes temporary storage of non-hazardous wastes not requiring further treatment prior to disposal.</p>
AR11	Raw material storage	Temporary storage of raw materials including surfactant and seaweed extracts (Sea-Chem).	From the receipt of raw materials to despatch for use within the facility.



<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
<b>Activity reference</b>	<b>Description of activities for waste operations</b>		<b>Limits of activities</b>
AR12	<p><b>Non-hazardous and inert waste treatment</b></p> <p><b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p><b>R5:</b> Recycling/reclamation of other inorganic compounds.</p> <p><b>D9:</b> Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D1 to D12.</p> <p><b>D13:</b> Blending or mixing prior to submission to any of the operations numbered D1 to D12.</p> <p><b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection on the site where it is produced).</p>		<p>Treatment operations shall be limited to:</p> <p>Physical treatment including screening, crushing, soil washing, grading, sorting, separation by gravity, centrifugation &amp; dewatering for the purpose of recovery and disposal.</p> <p>Waste shall be stored and treated on hard standing or on an impermeable surface with sealed drainage system.</p> <p>Non-hazardous waste types as specified in table S2.2.</p>

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/EP3492SP/A001	Application forms B2 and B3 and referenced supporting information.	03/08/2009
Application EPR/EP3492SP/A001	Site Report, reference: 509022/71DG/001 Section 3.4 and Section 3.5	03/08/2009
Application EPR/EP3492SP/V002	Table 3 – Technical standards of the application document in response to section 3 Operating techniques, Part C3 of the application form	28/11/2012
Application EPR/EP3492SP/V002	Appendix C – Operating Techniques and Appendix D Environmental Risk Assessment	28/11/2012
Application variation EPR/EP3492SP/V007.	Emails providing justification for accepting additional waste types	14/01/2016
Response to Schedule 5 notice.	Additional information	22/01/2016
Information in support of Improvement Condition 1	Report Bioaerosol monitoring risk assessment report MGL-A094648-MJ-EA-02	09/02/2016
Application EPR/EP3492SP/V007	Application form C2 and C3 section 3a – technical standards and referenced supporting information including the following; BAT Risk Assessment Excluding the following; Bioremediation Statement dated February 2016 Appendix C Environmental Risk Assessment Plan reference Building-208	31/04/2018

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Further Information	Bioremediation Statement dated September 2018 including Site Plan MWP_01 detailing the external bioremediation treatment area bays 1 to 6.	01/10/2018
Schedule 5	Response to Schedule 5 and referenced supporting information	04/10/2018
Application EPR/EP3492SP/V007	Appendix 6 Environmental Risk Assessment Version 2	04/10/2018
Application EPR/EP3492SP/V007	Appendix 4 Plan reference Drg 208 Building Version 2	04/10/2018
Application EPR/EP3492SP/V007	Appendix 1 Site Condition Report	04/10/2018

## 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 soil washing (AR5 and AR12)	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site shall be a maximum of 250,000 tonnes a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
Wastes containing treated wood;	
Wood-preserving agents or other biocides;	
Japanese Knotweed;	
Wastes consisting solely or mainly of dusts, powders or loose fibres;	
Waste liquids;	
Odorous wastes;	
Waste containing asbestos;	
Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15;	
Waste containing persistent organic pollutants (POPs).	
Waste Code	Description
<b>01</b>	<b>Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>
<b>01 01</b>	<b>wastes from mineral excavation</b>
01 01 02	wastes from mineral non-metalliferous excavation
<b>01 04</b>	<b>wastes from physical and chemical processing of non-metalliferous minerals</b>
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 01</b>	<b>wastes from power stations and other combustion plants (except 19)</b>
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 24	sands from fluidised beds

<b>Table S2.2 Permitted waste types and quantities for soil washing (AR5 and AR12)</b>	
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
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 hazardous substances
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
<b>17 02</b>	<b>wood, glass and plastic</b>
17 02 02	glass
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
<b>19</b>	<b>Wastes from waste management facilities, off-site waste water treatment plants and preparation of water intended for human consumption/industrial use</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 07*	solid wastes from gas treatment
19 01 11*	bottom ash and slag containing hazardous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 13*	fly ash containing hazardous substances
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 15*	boiler dust containing hazardous substances
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 17*	pyrolysis wastes containing hazardous substances
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 03	premixed wastes composed only of non-hazardous wastes
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 06	saturated or spent ion exchange resins

<b>Table S2.2 Permitted waste types and quantities for soil washing (AR5 and AR12)</b>	
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
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
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 05*	sludges from groundwater remediation containing hazardous substances
<b>20</b>	<b>Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>
<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>
20 02 02	soil and stones
20 02 03	other non-biodegradable waste

<b>Table S2.3 Permitted waste types and quantities for stabilisation (AR3, AR4) and storage of hazardous waste (AR7)</b>	
<b>Maximum Quantities</b>	
The combined total quantity of waste accepted at the site for stabilisation and bioremediation shall be a maximum of 150,000 tonnes a year.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
Wastes consisting solely or mainly of dusts, powders or loose fibres;	
Waste liquids;	
Odorous wastes;	
Waste containing asbestos;	
Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15;	
Waste containing persistent organic pollutants (POPs).	
The following waste codes will only be accepted for stabilisation following the bioremediation process: 17 05 03*, 17 09 03*, 19 12 11*, 19 13 01*, 19 13 03*, 19 13 05*	
<b>Waste Code</b>	<b>Description</b>
<b>01</b>	<b>Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>
<b>01 04</b>	<b>wastes from physical and chemical processing of non-metalliferous minerals</b>
01 04 07*	wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

<b>Table S2.3 Permitted waste types and quantities for stabilisation (AR3, AR4) and storage of hazardous waste (AR7)</b>	
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
<b>05</b>	<b>Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal</b>
<b>05 01</b>	<b>wastes from petroleum refining</b>
05 01 15*	spent filter cakes
<b>08</b>	<b>Wastes from the manufacture, formulation and supply and use (mfsu) of coating (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks</b>
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 01</b>	<b>wastes from power stations and other combustion plants (except 19)</b>
10 01 01	bottom ash and slag from power stations (furnace bottom ash)
10 01 02	PFA from power stations
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 15	incinerator bottom ash
10 01 16*	fly ash from co-incineration containing hazardous substances
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
<b>10 13</b>	<b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>
10 13 14	waste concrete and concrete sludge
<b>11</b>	<b>Wastes from chemical surface treatment and coating of metals and other minerals, non-ferrous hydro-metallurgy</b>
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other minerals; non-ferrous hydro-metallurgy</b>
11 01 09*	sludges and filter cakes containing hazardous substances
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 16	waste blasting material containing hazardous substances
12 01 17	waste blasting material other than those mentioned in 12 01 16
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 03	tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 01*	bituminous mixtures containing coal tar
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing hazardous substances

<b>Table S2.3 Permitted waste types and quantities for stabilisation (AR3, AR4) and storage of hazardous waste (AR7)</b>	
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 01*	construction and demolition wastes containing mercury
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
<b>19</b>	<b>Wastes from waste management facilities, off-site waste water treatment plants and preparation of water intended for human consumption/industrial use</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 07*	solid wastes from gas treatment
19 01 11*	bottom ash and slag containing hazardous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 13*	fly ash containing hazardous substances
19 01 14	fly ash other than those mentioned in 19 01 13
<b>19 03</b>	<b>stabilised/solidified wastes</b>
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 01	screenings
19 08 02	waste from desanding
<b>19 11</b>	<b>wastes from oil regeneration</b>
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 11 99	wastes not otherwise specified
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 05	glass
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 05*	sludges from groundwater remediation containing hazardous substances
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
<b>20</b>	<b>Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>
<b>20 03</b>	<b>other municipal wastes</b>
20 03 03	street-cleaning residues

<b>Table S2.4 Permitted waste types and quantities for bioremediation (AR1, AR2) and storage of hazardous waste (AR7)</b>	
<b>Maximum Quantities</b>	
The combined total quantity of waste accepted at the site for stabilisation and bioremediation combined shall be a maximum of 150,000 tonnes a year.	
<b>Waste Code</b>	<b>Description</b>
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted: Wastes containing treated wood; Wood-preserving agents or other biocides; Japanese Knotweed; Wastes consisting solely or mainly of dusts, powders or loose fibres; Waste liquids; Odorous wastes; Waste containing asbestos; Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15; Waste containing persistent organic pollutants (POPs).	
<b>01 Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>	
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>
01 05 04	freshwater drilling muds and waste
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
<b>02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing</b>	
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
<b>05 Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal</b>	
<b>05 01</b>	<b>wastes from petroleum refining</b>
05 01 03*	tank bottom sludges
05 01 15*	spent filter cakes
<b>08 Wastes from the manufacture, formulation and supply and use (mfsu) of coating (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks</b>	
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
<b>11 Wastes from chemical surface treatment and coating of metals and other minerals, non-ferrous hydro-metallurgy</b>	
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other minerals; non-ferrous hydro-metallurgy</b>
11 01 09*	sludges and filter cakes containing hazardous substances



<b>Table S2.4 Permitted waste types and quantities for bioremediation (AR1, AR2) and storage of hazardous waste (AR7)</b>	
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
<b>12 01</b>	<b>sludges from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 16	waste blasting material containing hazardous substances
<b>13</b>	<b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01	solids from grit chambers and oil/water separators
13 05 03	interceptor sludges
13 05 08	mixtures of wastes from grit chambers and oil/water separators
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 01*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 03 03*	coal tar and tarred products
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing hazardous substances
17 05 05*	dredging spoil containing hazardous substances
17 05 07*	track ballast containing hazardous substances
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
<b>19</b>	<b>Wastes from waste management facilities, off-site waste water treatment plants and preparation of water intended for human consumption/industrial use</b>
<b>19 03</b>	<b>stabilised/solidified wastes</b>
19 03 04*	wastes marked as hazardous, partly stabilised other than 19 03 08*
19 03 06*	wastes marked as hazardous, solidified
<b>19 11</b>	<b>wastes from oil regeneration</b>
19 11 05*	sludges from on-site effluent treatment containing hazardous substances
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 05*	sludges from groundwater remediation containing hazardous substances

<b>Table S2.5 Permitted waste types and quantities for handpicking of asbestos waste (AR6, AR7)</b>	
<b>Maximum quantity</b>	<b>In total no more than 150,000 tonnes per annum of hazardous waste will be accepted for treatment at the site.</b>
<b>Exclusions</b>	<p><b>Wastes having any of the following characteristics shall not be accepted:</b></p> <p>Wastes consisting solely or mainly of dusts, powders or loose fibres;</p> <p>Waste liquids;</p> <p>Odorous wastes;</p> <p>Asbestos in unbound fibrous form (FREE CHRYSOTILE FIBROUS ASBESTOS IN SOIL AND CONSTRUCTION AND DEMOLITION WASTES AS DETAILED BELOW MUST BE &lt;0.1% w/w. OTHER FORMS OR MIXED FORMS OF FIBROUS ASBESTOS IN THE WASTE MUST BE &lt;0.01% w/w)</p> <p>Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15.</p>
<b>Waste code</b>	<b>Description</b>
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances (CONTAINS IDENTIFIABLE PIECES OF BONDED ASBESTOS (any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye))
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing hazardous substances (CONTAINS IDENTIFIABLE PIECES OF BONDED ASBESTOS (any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye))
17 05 04	soil and stones other than those mentioned in 17 05 03 (CONTAINS IDENTIFIABLE PIECES OF BONDED ASBESTOS (any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye))
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>
17 06 05*	construction materials containing asbestos (CONTAINS IDENTIFIABLE PIECES OF BONDED ASBESTOS (any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye))
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances (CONTAINS IDENTIFIABLE PIECES OF BONDED ASBESTOS (any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye))

## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
FB1 as shown on plan Asbestos Treatment Building Plan 208-Building Rev.2	Air extraction via bag filter release point	Asbestos fibres	0.1 fibre/ml	Hourly average	Monthly <sup>NOTE 1</sup>	ISO 17020 ISO 17025 HSG248
		Particulate matter	5 mg/m <sup>3</sup>	Hourly average	Once every six months	BS EN 13284-1
NOTE 1: May be reduced to a quarterly frequency after 12 monthly monitoring events with the written agreement of the Environment Agency.						

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
Sealed Drainage Area - Sump	Site effluent from waste processing and storage areas - transfer of water off- site by tanker	No parameter set	No limit set	--	Annually	--

ER Table S3.3 Process monitoring requirements					
Emission point reference or source or description of point of measurement	Parameter	Limit	Monitoring frequency	Monitoring standard or method	Other specifications
<p>Sampling points M1, M2, M3 and M4 as shown on plan Asbestos Treatment Building Plan 208-Building Rev.2</p> <p>Air testing within the building for the duration of the asbestos hand picking works.</p>	Asbestos fibres	Where total fibre concentration exceeds 0.01 fibres/ml in any sample, that sample must be submitted for electron microscopy to confirm the concentration of asbestos fibres present.	<p>During asbestos hand picking works <sup>NOTE 2</sup></p> <p>1 hour at 8 l/min or 2 hours at 4 l/min</p>	<p>In line with M17 monitoring guidance While asbestos is being treated.</p> <ul style="list-style-type: none"> <li>• Pumped sampling</li> <li>• 1 m above ground level</li> <li>• Minimum sample volume = 480 litres at variable rates</li> <li>• Filter pore size = 0.8-1.2 µm</li> </ul> <p>Asbestos fibre limit of detection = 0.001 fibres/ml</p>	--
<p>20 m downwind of asbestos building</p>	Asbestos Fibres	Where total fibre concentration exceeds 0.01 fibres/ml in any sample, that sample must be submitted for electron microscopy to confirm the concentration of asbestos fibres present	<p>Monthly</p> <p>1 hour at 8 l/min or 2 hours at 4 l/min</p>	<p>In line with M17 monitoring guidance While asbestos is being treated.</p> <ul style="list-style-type: none"> <li>• Pumped sampling</li> <li>• 1 m above ground level</li> <li>• Minimum sample volume = 480 litres at variable rates</li> <li>• Filter pore size = 0.8-1.2 µm</li> </ul> <p>Asbestos fibre limit of detection = 0.001 fibres/ml</p>	--
<p>50 m upwind of asbestos building</p>					
<p>Site boundary downwind of asbestos building</p>					
<p>SW1 Sealed Drainage Tank as shown on plan Asbestos Treatment Building Plan 208-Building Rev.2.</p>	Asbestos fibres	Where process water from the tank is reused on site total fibre concentration must be less than 0.001 fibres/ml	Monthly	<p>In line with M17 monitoring guidance</p> <p>Asbestos fibre limit of detection = 0.001 fibres/ml</p>	--
<p>Internal for each windrow during bioremediation and stabilisation stage</p>	Temperature °C		None specified	Temperature probe	
	Moisture		None specified	Not specified	
<p>Internal for each windrow during stabilisation stage</p>	pH range		Continuous	Not specified	

NOTE 2: Monitoring frequency may be reduced to a frequency agreed in writing by the Environment Agency after 6 months of continuous monitoring.

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source emission to air As specified by schedule 3, table S3.1 Parameters as required by condition 3.5.1	FB1	Every 3 months	1 January, 1 April, 1 July, 1 October
Point source emission to sewer, effluent treatment plant, tankering or other off site transfer As specified by schedule 3, table S3.2 Parameters as required by condition 3.5.1	Sump	Every 12 months	1 January
Process Monitoring As required by schedule 3, table S3.3 Parameters as required by condition 3.5.1	M1, M2, M3 and M4 Fibre monitoring at 20m, 50m and site boundary downwind of asbestos building. SW1	Every 3 months	1 January, 1 April, 1 July, 1 October

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Bioremediation Plant (treatment)	Tonnes per year
Soil Stabilisation Plant (treatment)	Tonnes per year
Soil Washing Plant (treatment)	Tonnes per year
Asbestos Picking Plant (treatment)	Tonnes per year
Treatment of hazardous waste (total)	Tonnes per year
Treatment of non-hazardous waste (total)	Tonnes per year
Waste Recovered (total)	Tonnes per year
Waste Disposed (total)	Tonnes per year
Discharge of contaminated water off-site by tanker - Sump	Tonnes per year
Discharge of contaminated process water off-site by tanker – SW1 Sealed Tank	Tonnes per year

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Air	Form air 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Waste Return	E-waste Return Form	-

# 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	

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

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

## Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator



## Schedule 6 – Interpretation

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

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

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

“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.

“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 III of the Waste Framework Directive.

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

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions

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

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

“Pests” means Birds, Vermin and Insects.

“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 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 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.

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 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, 2.4 and 2.5, 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.

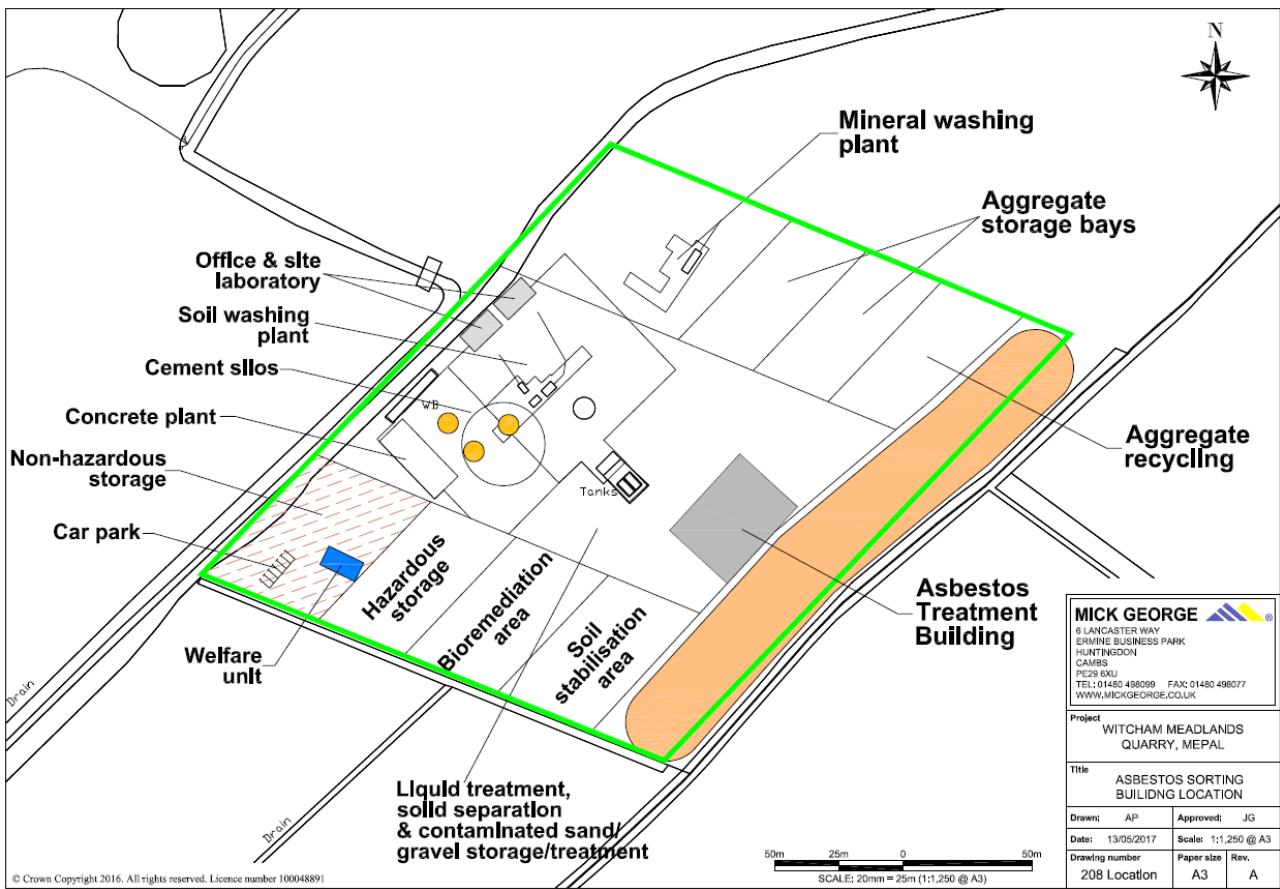
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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



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