



Environment
Agency

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Hazardous Waste Management Limited
Southampton Docks Soil Washing Facility
Berth 109
Herbert Walker Avenue
Western Docks
Southampton
SO15 1HJ

Permit number

EPR/RP3535WR

Southampton Docks Soil Washing Facility

Permit number EPR/RP3535WR

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows:

This permit authorises the treatment of hazardous wastes exceeding 10 tonnes per day involving physico chemical treatment via soil washing under Schedule 1, S5.3 A(1)(a)(ii) and the storage of hazardous wastes exceeding 50 tonnes under S5.6A(1)(a) of the Environmental Permitting (England and Wales) Regulations 2010 (as amended). The permit also authorises the treatment of non-hazardous soils via soil washing as a separate waste operation.

Southampton Docks Soil Washing Facility is located at Berth 109, Herbert Walker Avenue, Western Docks, Southampton (National Grid Reference SU 39158 12340). The site is situated near a number of receptors, the closest being a residential property located 140 m from the site boundary.

The treatment facility will process soils and soil substrates from a number of sources, both hazardous and non-hazardous, with the intention of producing a soil product. The maximum annual tonnage of waste to be accepted at the site will not exceed 200,000 tonnes per year and this annual limit is combined for both the hazardous and non-hazardous treatment activities.

There are no point source emissions from the site. The process will involve the treatment of soil wastes via a soil washing facility which is an enclosed process. All wastes will be loaded onto a hopper which then passes the material onto an enclosed conveyor belt for loading into the system. All water utilised in the process will be cleaned and reused within the process, if it is not possible to reuse the water, the water will be removed from site via a tanker for disposal.

All pre and post storage of soils will be undertaken outside on an impermeable surface with sealed drainage. Waters from site drainage will be pumped into holding tanks to be used in the treatment process. All soils will be stored in designated bays and will be kept sheeted at all times to prevent dust. All hazardous soils, filter cakes, surface water and associated process waters will be stored and kept separate from soils, filter cakes, surface water and process waters which are non-hazardous.

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

Status log of the permit		
Description	Date	Comments
Application EPR/RP3535WR/A001	Duly made 04/12/14	Application for recovery of hazardous and non-hazardous soils via washing.
Additional information received	26/03/14	Noise impact assessment and storage arrangements.
Additional information received	01/05/14	Surface water capacity, noise impact assessment, vehicles movements and operating hours.
Additional information received	18/06/15	Noise impact assessment and surface water capacity/
Permit determined EPR/RP3535WR	DD/MM/YY	Permit issued to Hazardous Waste Management Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/RP3535WR

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

Hazardous Waste Management Limited ("the operator"),

whose registered office is

Otterbourne Farm

Kiln Lane

Otterbourne

Winchester

Hampshire

SO21 2EN

company registration number 06821901

to operate an installation and a waste operation at

Southampton Docks Soil Washing Facility

Berth 109

Herbert Walker Avenue

Western Docks

Southampton

SO15 1HJ

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

Name	Date
[name of authorised person]	[DD/MM/YYYY]

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, A1 to A6, 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, A1 to A6, 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, A1 to A6, 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 and S2.3; 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.

Hazardous waste storage and treatment

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

2.4 Improvement programme

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

2.5 Pre-operational conditions

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 The limits given in schedule 3 shall not be exceeded.
- 3.1.2 For the following activities referenced in schedule 1, table S1.1, A1 to A6, 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 Monitoring

- 3.3.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) ambient air monitoring specified in table S3.1.
- 3.3.2 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.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall

have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

- 3.3.4 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 unless otherwise agreed in writing by the Environment Agency.

3.4 Odour

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.4.2 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.

3.5 Noise and vibration

- 3.5.1 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.

3.6 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, A1 to A6, 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) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (b) 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 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 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.

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

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

Where the operator is a registered company:

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

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

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

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) 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.

4.4 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
A1	S5.3 A(1) (a)(ii)	Recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico chemical treatment. R3: Recycling/reclamation of organic substances which are not used as solvents R5: Recycling/reclamation of other inorganic compounds	Treatment of hazardous waste for the purposes of producing soils. Treatment operations shall be limited to physical and chemical washing of hazardous soils. Limited to waste types and quantities as specified in Table S2.2.
A2	S5.6 A(1) (a)	Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Reception and storage of hazardous wastes prior to treatment. All storage must take place within enclosed (sheeted) bays and on an impermeable surface with sealed drainage. Storage of hazardous and non-hazardous wastes pending treatment shall not exceed 50,000 tonnes at any one time. Limited to waste types as specified in Table S2.2.
Directly Associated Activity			
A3	Processed soil storage	Storage of soil aggregates post treatment.	Storage of materials to be undertaken on an impermeable surface with appropriate containment (sheeting) and sealed drainage. Storage of treated wastes shall not exceed 5,000 tonnes at any one time.
A4	Process water treatment and storage	Storage and treatment of process water with coagulants and flocculants.	From storage of hazardous soil washing water, to treatment and reuse within the facility or removal off site for recovery or disposal. All process waters are to be stored within an impermeable bunded area.
A5	Bulking of recyclable wastes recovered as an incidental part of the	R3 – Recycling/ reclamation of organic substances which are not used as solvents R4 - Recycling/ reclamation	Storage of materials to be undertaken on an impermeable surface with

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
	recovery of hazardous soils for the purposes of recovering aggregates.	of metals and metal compounds R5 - Recycling/ reclamation of other inorganic substances R13 – Storage of wastes pending removal off site	appropriate containment (sheeting) and sealed drainage. Waste types as specified in Table S2.2.
A6	Surface water collection and storage	Collection and storage of surface water	From the collection of surface water to reuse within the soil washing process or for removal off site for recovery or disposal.
Activity reference	Description of activities for waste operations		Limits of activities
A7	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R3: Recycling/reclamation of organic substances which are not used as solvents R5: Recycling/reclamation of other inorganic compounds		Treatment of non-hazardous waste for the purposes of producing soils. Treatment operations shall be limited to physical and chemical washing of non-hazardous soils and treatment of process water for the purpose of producing aggregate for recovery. All storage must take place within enclosed (sheeted) bays and on an impermeable surface with sealed drainage. All process waters are to be stored within an impermeable bunded area. Storage of hazardous and non-hazardous wastes pending treatment shall not exceed 50,000 tonnes at any one time. Storage of treated soil aggregate shall not exceed 5,000 tonnes at any one time. Limited to waste types and quantities as specified in Table 2.3.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/RP3535WR/A001	BAT Assessment dated July 2014, <ul style="list-style-type: none"> Section 3.0 – Waste Acceptance Procedures; Section 4.0 – Waste Acceptance Criteria; Section 5.0 – Waste Storage Procedures; Section 6.0 – Waste Treatment Procedures; Section 9.0 – Site Management; and Section 10.0 – Records 	08/10/14
	Environmental Risk Assessment (V4) DATED March 2015 <ul style="list-style-type: none"> Appendix A, Table A1 – Odour Risk assessment and Management Plan; 	26/03/15

Table S1.2 Operating techniques		
Description	Parts	Date Received
	<ul style="list-style-type: none"> Appendix A, Table A3 – Fugitive Risk Assessment and Management Plan; Appendix A, Table A4 – Accidents and Incidents Risk Assessment and Management Plan; and Appendix B – Emissions Monitoring Plan – odour 	
Response to Schedule 5 Notice dated 26/03/15	Response to questions 1 and 2 detailing dust controls and surface water.	26/03/15
Response to Schedule 5 notice dated 29/04/15	Response to questions 2, 6, 7 and 8 detailing quarantine and finished product dust controls, operating hours and vehicle movements and additional clarification on vehicle movements.	01/05/15 and 01/05/15
Response to Schedule 5 notice dated 29/04/15	Response to questions 1 and 5 detailing surface water and noise.	18/06/15

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
1	<p>The operator shall provide a written review of the odour management techniques at the site. The review shall include but not be limited to:</p> <ul style="list-style-type: none"> The suitability of waste codes with regards to odour potential; A review of the suitability of current odour control techniques; A review of the odour management plan; and Proposals for any additional abatement equipment and/or management techniques to be employed at the site to control odour from the facility. <p>Upon receipt of the Environment Agency's written agreement to the findings of the odour management review, the operator shall implement any agreed changes within a timescale to be agreed with the Environment Agency.</p> <p>The Odour Management Plan shall be revised to take account of any changes and agreed in writing with the Environment Agency.</p>	3 months
2	<p>The operator shall provide a written review of the dust management techniques at the site. The review shall include but not be limited to:</p> <ul style="list-style-type: none"> A review of the suitability of current infrastructure to control dust emissions; A review of dust management techniques; A review of the dust management plan; and Proposals for any additional abatement equipment and management techniques to be employed at the site to control dust from the facility. <p>Upon receipt of the Environment Agency's written agreement to the findings of the dust management review, the operator shall implement any agreed changes within a timescale to be agreed with the Environment Agency.</p> <p>The Dust Management Plan shall be revised to take account of any changes and agreed in writing with the Environment Agency.</p>	6 months

Table S1.4 Pre-operational measures

Reference	Pre-operational measures
1	Prior to the commencement of background monitoring (as required in pre-operational condition 2), the operator shall provide a site plan to the Environment Agency for written approval which confirms the locations for the monitoring of benzene and dust as required in Table S3.1.
2	At least 4 weeks prior to the commencement of site operations, the operator shall undertake daily background monitoring of dust and benzene to establish background concentrations.

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Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted waste types and quantities for hazardous soil washing (Activity A1)	
Maximum quantity	<p>Total amount of hazardous and non-hazardous waste to be treated is limited to 1000 tonnes per day (combined total).</p> <p>Total amount of hazardous and non hazardous waste to be accepted annually is limited to 200,000 tonnes per year (combined total).</p>
Limits	Wastes shall not have a noticeable smell of hydrocarbons, including petrol and oils.
Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing dangerous substances
17 05 05*	dredging spoil containing dangerous substances
17 05 07*	track ballast containing dangerous substances
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing dangerous substances

Table S2.3 Permitted waste types and quantities for non-hazardous soil washing (Activity A7)	
Maximum quantity	<p>Total amount of hazardous and non-hazardous waste to be treated is limited to 1000 tonnes per day (combined total).</p> <p>Total amount of hazardous and non hazardous waste to be accepted annually is limited to 200,000 tonnes per year (combined total).</p>
Limits	Wastes shall not have a noticeable smell of hydrocarbons, including petrol and oils.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01

Table S2.3 Permitted waste types and quantities for non-hazardous soil washing (Activity A7)	
Maximum quantity	<p>Total amount of hazardous and non-hazardous waste to be treated is limited to 1000 tonnes per day (combined total).</p> <p>Total amount of hazardous and non hazardous waste to be accepted annually is limited to 200,000 tonnes per year (combined total).</p>
Limits	Wastes shall not have a noticeable smell of hydrocarbons, including petrol and oils.
Waste code	Description
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
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 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	minerals (for example sand, stones)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

Schedule 3 – Emissions and monitoring

Table S3.1 Ambient air monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
Next to stockpiled soils in accordance with Pre-operational condition 1	Particulates	Wastes in storage area	200 mg m ⁻² day ⁻¹	24-hours	Daily	M17, BS 1747 Use directional dust deposit gauge.
At site boundary downwind of waste storage area in accordance with Pre-operational condition 1						
At site boundary upwind of waste storage area in accordance with Pre-operational condition 1	Particulates	Wastes in storage area	-	24-hours	Daily	BS1747
Next to stockpiled soils in accordance with Pre-operational condition 1	Benzene	Wastes in storage area	1 ppm	24-hours	Daily	BS EN 14662-1:2005
At site boundary downwind of waste storage area in accordance with Pre-operational condition 1						
At site boundary upwind of waste storage area in accordance with Pre-operational condition 1	Benzene	Wastes in storage area	-	24-hours	Daily	BS EN 14662-1:2005

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
Emissions to air Parameters as required by condition 3.3.1	Emission points as per table S3.1 and Pre-operational condition 1	Every 3 months	1 January, 1 April, 1 July, 1 October.

Table S4.2: Annual production/treatment	
Parameter	Units
Hazardous soil treated	tonnes
Non hazardous soil treated	tonnes

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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

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

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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.

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 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.

“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 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).

“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).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“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 (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, 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.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT