



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Keltbray Environmental Ltd

Plaistow Wharf
North Woolwich Road
London
E16 2AB

Permit number

EPR/CP3035QC

Plaistow Wharf

Permit number EPR/CP3035QC

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Plaistow Wharf is a transfer station accepting both hazardous and non-hazardous wastes, predominantly soil and stone from construction, demolition and excavation sites. No treatment of wastes will be undertaken at the installation.

The following schedule 1 activity is undertaken at the installation:

Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending transfer offsite for recovery or disposal.

Up to 100,000 tonnes of non-hazardous waste and 50,000 tonnes of hazardous waste will be stored at the site per annum, prior to onward transfer for recovery or disposal. Wastes will be transported into and out of the site by road and by barge via the River Thames.

The surrounding area is mainly industrial in nature, including other waste management facilities. The site is north east of and adjacent to the River Thames. The site is located approximately 250m from the Newham Air Quality Management Area (declared for nitrogen dioxide and dust). The nearest residential receptors are located approximately 300m to the north east of the site. Approximately 1,900m to the south east of the site is Gilbert's Pit (Charlton) Site of Special Scientific Interest.

Due to the nature of the activities and the types of wastes accepted, there is the potential for dust emissions from the site. The operator has provided a Dust Management Plan that details the measures in place to prevent dust emissions beyond the site boundary.

Small quantities of non-hazardous combustible wastes may be included within the wastes accepted at the site. The operator has provided a Fire Prevention Plan, which describes the measures in place at the site to minimise the likelihood of a fire occurring, enable a fire to be extinguished within 4 hours, and minimise the spread of fire within the site and to neighbouring sites.

The site is surfaced in impermeable concrete. Surface water is managed so that contaminated run-off drains to a sealed sump, the contents of which will be periodically tankered off-site to a licensed disposal facility. Uncontaminated surface water run-off will be separately collected and discharged to the River Thames (emission point W01) via an interceptor.

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/CP3035QC/A001	Duly made 11/10/2018	Application for bespoke installation permit: temporary storage of hazardous and non-hazardous wastes.
Additional information received	07/12/2018	Response to Schedule 5 notice dated 07/12/2018 including information on site plan, site drainage, waste throughput, fire prevention plan, dust management plan, waste acceptance procedures, waste storage and operating techniques.

Status log of the permit		
Description	Date	Comments
Additional information received	11/01/2018	Response to Schedule 5 notice dated 17/12/2018 including information on site condition report.
Permit determined EPR/CP3035QC (Billing ref. CP3035QC)	10/06/2019	Permit issued to Keltbray Environmental Ltd.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/CP3035QC

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Keltbray Environmental Ltd (“the operator”),

whose registered office is

**St Andrew's House
Portsmouth Road
Esher
Surrey
KT10 9TA**

company registration number 06564049

to operate an installation at

**Plaistow Wharf
North Woolwich Road
London
E16 2AB**

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

Name	Date
Emma Pemberton	10/06/2019

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

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 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;
- (b) ambient air 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 Fire prevention

3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

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, 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	Section 5.6 Part A(1)(a)	<p>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending transfer off site for disposal or recovery.</p> <p>R13: 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>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).</p>	<p>From receipt of wastes to transfer off site.</p> <p>Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.</p> <p>Waste shall be stored on an impermeable surface with sealed drainage.</p> <p>Waste shall be stored to a maximum height of half a metre (0.5m) below the boundary walls.</p> <p>Non-road mobile machinery (NRMM) used on site shall meet the requirements of Directive 97/69/EC unless otherwise agreed in writing by the Environment Agency.</p> <p>Waste types as specified in Table S2.2.</p>
Directly Associated Activity			
	Water discharges to controlled water.	Discharge of uncontaminated site drainage from the installation.	From interceptor to point of entry to controlled water.
	Water discharges to sealed sump.	Discharge of contaminated site drainage from the installation.	From collection in sealed drainage system to transfer from installation.
Activity reference	Description of activities for waste operations	Limits of activities	
AR2	<p>Temporary storage of non-hazardous waste.</p> <p>R13: 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>Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.</p> <p>Waste shall be stored on an impermeable surface with sealed drainage.</p> <p>Waste shall be stored to a maximum height of half a metre (0.5m) below the boundary walls.</p>	

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
	D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).	Non-road mobile machinery (NRMM) used on site shall meet the requirements of Directive 97/69/EC unless otherwise agreed in writing by the Environment Agency. Waste types as specified in Table S2.3.	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Parts A, B2, B3 and F1 the application documents and all supporting information.	Duly Made 11/10/2018
Information received in response to Schedule 5 notice dated 07/12/2018	Fire Prevention Plan Dust Management Plan Materials Acceptance Procedures Site Working Plan (including barge loading procedure)	08/03/2019 08/03/2019 10/06/2019 10/06/2019
Information received in response to Schedule 5 notice dated 17/12/2018	Response to questions regarding site condition report and fuel storage and refuelling activities	11/01/2019
Information received in response to question 6 of email dated 01/02/2019	Additional detail on waste acceptance and rejection procedures Environmental Plan (including interceptor maintenance procedure)	15/02/2019 08/03/2019

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>A written report considering the results of the first 12 months of ambient air monitoring, required by table S3.3, shall be submitted to the Environment Agency for approval. The report shall include, but not be limited to:</p> <ul style="list-style-type: none"> • a review of the monitoring data, identifying any trends, 'spikes' or significant increases in the levels of dust recorded; • a review outlining the sources and activities attributed to causing any increases in levels of dust and the evidence supporting these conclusions; • an assessment of the impact of fugitive dust emissions from the installation; • a review of the effectiveness of the operator's particulate/dust monitoring strategy as described in the Dust Management Plan. This should include a review of the existing operational procedures and general housekeeping for the control of fugitive dusts; • proposals for amendments to existing procedures, or for the implementation of additional measures, if deemed necessary 	15 months from the commencement of operations.

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>following the review of monitoring data and dust impact assessment; and</p> <ul style="list-style-type: none"> a proposed timetable for completion of any required works. <p>The operator shall implement any necessary actions, outcomes and/or improvements to a timetable agreed in writing with the Environment Agency.</p>	
IC2	<p>Upon completion of IC1, the operator shall submit a revised Dust Management Plan, for approval by the Environment Agency, which incorporates all agreed additional measures.</p>	2 months from the completion and approval of IC1.
IC3	<p>The operator shall implement the monitoring programme required by pre-operational condition PO3 to validate the assumptions made in application EPR/CP3035QC/A001 in relation to the releases of pollutants to surface water (via the interceptor) at emission point W01.</p> <p>The operator shall submit monitoring data, collected during the first twelve months of operation, in writing to the Environment Agency according to agreed reporting periods.</p>	13 months from commencement of operations.
IC4	<p>The operator shall conduct a review of the discharge from emission point W01 using the results of the monitoring undertaken in response to IC3 during the first year of operation. The review shall be used to validate the description of the discharge provided with the application.</p> <p>If any pollutants are identified at levels above those that would be expected to be found in uncontaminated water, the origins of these contaminants shall be investigated and their levels considered through an environmental risk assessment. The environmental risk assessment must be undertaken in accordance with the screening procedures in Environment Agency guidance: Surface water pollution risk assessment for your environmental permit (link) published 01 February 2016, last updated 03 April 2018), using the representative emissions data obtained in IC3 above.</p> <p>A written report shall be submitted to the Environment Agency for approval. The report shall include, but not be limited to:</p> <ul style="list-style-type: none"> details of the IC3 monitoring results and subsequent review; an environmental risk assessment where necessary; confirmation of the ongoing monitoring schedule for discharge to surface water from emission point W01, including parameters to be monitored, monitoring frequency and reporting to the Environment Agency; proposals for amendments to existing procedures and/or for the implementation of additional measures; and a proposed timetable for completion of any changes or works. 	3 months from the completion of IC3.

Table S1.4 Pre-operational measures	
Reference	Pre-operational measures
PO1	<p>Prior to the commencement of commissioning, the operator shall submit a report demonstrating the baseline conditions of soil and groundwater at the installation.</p> <p>The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the IED. The report shall contain information, supplementary to that already provided in the application Site Condition Report, needed to meet the information requirements of Article 22(2) of the IED.</p> <p>The report must be agreed in writing by the Environment Agency prior to commencement of the activities.</p>
PO2	<p>Prior to the commencement of operations, the operator shall provide a copy of the final Construction Quality Assurance Validation Report documenting the completion of all hard surfacing and drainage construction works.</p> <p>The operator shall ensure that a review of the design, method of construction and integrity of the hard surfacing and drainage is carried out by a qualified structural engineer.</p>
PO3	<p>The operator shall develop a monitoring programme to validate the assumptions made in application EPR/CP3035QC/A001 in relation to the releases of pollutants to surface water (via the interceptor) at emission point W01.</p> <p>The monitoring programme and associated methodologies shall be agreed in writing with the Environment Agency prior to the commencement of operations, having regard to the Environment Agency M18 Guidance Note: Monitoring of discharges to water and sewer, version 6, September 2017.</p> <p>As a minimum the monitoring programme should include monthly monitoring frequency.</p> <p>The pollutants to be monitored shall include: arsenic, cadmium, chromium (total), chromium VI, copper, mercury, nickel, lead, selenium, zinc, hydrocarbons and any other relevant parameters as having been identified as potentially present within the discharge.</p> <p>The monitoring programme shall include reporting periods for the submission of the collected monitoring data to the Environment Agency.</p>

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 activity AR1 – temporary storage of hazardous waste	
Maximum quantity	50,000 tonnes per annum
Exclusions	<p>Wastes having any of the following characteristics shall not be accepted:</p> <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • wastes that are in a form which is either sludge or liquid
Waste code	Description
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar
17 04	metals (including their alloys)
17 04 09*	metal waste contaminated with hazardous substances
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances
17 05 05*	dredging spoil containing hazardous substances
17 05 07*	track ballast containing hazardous substances
17 09	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 06*	wood containing hazardous substances
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances

Table S2.3 Permitted waste types and quantities for activity AR2 – temporary storage of non-hazardous waste	
Maximum quantity	100,000 tonnes per annum
Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • wastes that are in a form which is either sludge or liquid
Waste code	Description
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 09	minerals (for example sand, stones)

Table S2.3 Permitted waste types and quantities for activity AR2 – temporary storage of non-hazardous waste	
Maximum quantity	100,000 tonnes per annum
Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • wastes that are in a form which is either sludge or liquid
Waste code	Description
19 12 12	from mechanical treatment of wastes, predominantly screened soil and stone other than those mentioned in 19 12 11 – excluding all combustible wastes
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 08	biodegradable kitchen and canteen waste
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W01 on site plan in schedule 7 emission to River Thames	Uncontaminated surface water interceptor	Parameters as agreed following completion of IC4	No limit set	-	Monthly or as otherwise agreed following completion of IC4	In accordance with M18 methodology unless otherwise agreed in writing by 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
S01 on site plan in schedule 7 emission to sealed sump, empties and tankered off-site by contractor	Contaminated surface water run-off from waste storage bays	No parameters set	No limit set	-	-	-

Table S3.3 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
M01 on site plan in schedule 7	Particulate matter less than 10 micrometres in diameter (PM ₁₀)	5 minute	The equipment shall be operated to a procedure agreed in writing with the Environment Agency.	<p>Monitoring equipment should meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency.</p> <p>The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first.</p> <p>The system must be managed and maintained by suitably trained personnel.</p> <p>The system must obtain representative data that must accurately reflect PM₁₀ levels produced by the site's activities.</p>

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Ambient air monitoring Parameters as required by condition 3.5.1.	M01	Every 3 months	1 January, 1 April, 1 July, 1 October

Table S4.2: Annual production/treatment	
Parameter	Units
Hazardous waste IN	tonnes
Hazardous waste OUT	tonnes
Non-hazardous waste IN	tonnes
Non-hazardous waste OUT	tonnes
Waste recycled	tonnes
Waste disposed	tonnes

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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	10/06/2019
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	10/06/2019
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	10/06/2019
Particulates	Form particulate 1 or other form as agreed in writing by the Environment Agency	10/06/2019
Waste subject to condition 4.2.5	Waste tonnage return from the Environment Agency website or other form as agreed in writing by the Environment Agency	10/06/2019

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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.

“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.

“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 to land” includes emissions to groundwater.

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

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

“Hazardous 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.

“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.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables 2.2 and 2.3, for those tables, they have the meaning given below:

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

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

“PCBs” means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005% by weight.

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

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

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

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

Schedule 7 – Site plan



END OF PERMIT

Permit number
EPR/CP3035QC