

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Brett Aggregates Limited

Hithermoor Recycling and Recovery Facility
Hithermoor Quarry
Stanwell
Surrey
TW19 6AX

Variation application number
EPR/AB3006CE/V002

Permit number
EPR/AB3006CE

Hithermoor Recycling & Recovery Facility

Permit number EPR/AB3006CE

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (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 consolidated variation also incorporates the changes required by the Industrial Emissions Directive (IED). This includes the amendment of the wording of several permit conditions; and the addition of a condition relating to a requirement for routine monitoring, and an associated reporting condition.

Only the variations specified in schedule 1 are subject to a right of appeal.

This variation authorises the addition of a Soil Treatment Facility comprising the following activities; bioremediation of non-hazardous and hazardous soils; blending of and storage of hazardous waste.

Chemical stabilisation has been permitted for isolated occasions where a treated soil evidences a contaminant that lies above an acceptance threshold concentration for the pre-determined disposal site and needs further processing prior to removal off site. This activity forms a listed activity due to the capacity available to carry out this treatment.

The above activities are regulated as a number of listed activities and are described in full in table S1.1.

Additional waste types have been added to the list of acceptable wastes for the existing asphalt plant activity, which adds a further listed activity involving physico-chemical treatment for disposal or recovery of hazardous waste.

This consolidation also incorporates a separate variation application (dated 28/04/14) which was received during the determination of V002; adding one waste code to waste tables S2.2 and S2.3, and amending the criteria for two other waste types to allow acceptance of non-hazardous elements of mixtures of waste from mechanical treatment; (19 12 12), and surplus mortar under 10 13 11.

Neither the site boundary nor annual throughput have changed as a result of this variation.

Permit background:

The existing permit allows the operator to operate a waste treatment facility for the purpose of recovery. The recycling and recovery activities comprise:

- The storage and treatment of waste to manufacture aggregates, foamed bitumen road base, soils and soil substitutes

- The deposit of waste on land for the purpose of recovery.

The aggregate facility treats no more than 250,000 tonnes of waste per year. Treatment consists of sorting, separation, washing, screening, crushing and blending of waste.

The deposit of waste on land is a recovery operation for the construction of a 6 metre high visual amenity bund screening the activities in the aggregate facility from users of the adjacent bridleway and M25 motorway.

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

Status log of the permit		
Description	Date	Comments
Application EPR/AB3006CE/A001	Duly made 04/04/13	Application for aggregate facility and visual amenity bund
Additional information received	11/06/13	Confirmation of conversion rate of waste from m ³ to tonnes.
Permit determined	01/07/13	Permit issued to Brett Aggregates Limited
Application EPR/AB3006CE/V002 (variation and consolidation)	Duly made 07/03/14	Application to vary the permit to add a soil treatment facility and additional waste types. Incorporates subsequent variation application (dated 28/04/14) to add 1 and amend 2 waste codes in table S2.1.
Additional information received: Schedule 5 response	19/05/14; 27/06/14; 02/07/14; 18/08/14; 18/09/14	
Variation determined EPR/AB3006CE/V002	08/10/14	Varied and consolidated permit issued.

(Billing ref KP3230ES)

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

permit number
EPR/AB3006CE

issued to
Brett Aggregates Limited (“the operator”)

whose registered office is

150 Aldersgate Street
London
EC1A 4AB

company registration number 00316788

to operate regulated facilities at

Hithermoor Quarry

Stanwell

Surrey

TW19 6AX

to the extent set out in the schedules.

The notice shall take effect from 08 October 2014.

Name	Date
Anne Nightingale	08 October 2014

Authorised on behalf of the Environment Agency

Schedule 1

Only the following conditions have been varied as a result of the application made by the operator, including the requirements of the IED:

Conditions 1.3 & 1.4 are added;

Conditions 2.3.3, 2.3.4, 2.3.5 & 2.3.6 have been added;

Conditions 2.4.1, 2.4.2 are added;

Conditions 3.4.1, 3.4.2 & 3.4.4 are added;

Condition 3.4.3 is added as a result of the IED;

Conditions 3.5.1, 3.5.2, 3.5.3 & 3.5.4 are added;

Conditions 4.3.1 & 4.3.2 are amended as a result of the IED;

Table S1.1 as referred to in condition 2.1.1 is amended;

Table S1.2 as referred to in condition 2.3.1 is amended;

Table S1.3 as referred to in condition 2.4 is added;

Table S1.4 as referred to in condition 2.5 is added;

Tables S2.1, S2.2, S2.3, S2.4 as referred to in conditions 2.3.2 & 2.3.3 are added;

Tables S3.1, S3.2, S3.3 as referred to in condition 3.4.1 are added;

Tables S4.1, S4.2, S4.3, S4.4 as referred to in conditions 4.2.3 & 4.2.4 are added.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/AB3006CE

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AB3006CE/V002 authorising,

Brett Aggregates Limited (“the operator”),
whose registered office is

150 Aldersgate Street
London
EC1A 4AB

company registration number 00316788

to operate regulated facilities at:

Hithermoor Quarry

Stanwell

Surrey

TW19 6AX

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

Name	Date
Anne Nightingale	08 October 2014

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closures 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 Avoidance, recovery and disposal of wastes produced by the activities

- 1.2.1 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.
- 1.2.2 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.

1.3 Energy efficiency

- 1.3.1 For the following activities referenced in schedule 1, table S1.1, A1 to A8; 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.

1.4 Efficient use of raw materials

1.4.1 For the following activities referenced in schedule 1, table S1.1, A1 to A8; 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.

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").

2.2 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 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan 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.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.3 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 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.
- 2.3.5 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.
- 2.3.6 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.

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

- 3.1.1 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.
- 3.1.2 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 Odour

- 3.2.1 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 Noise and vibration

- 3.3.1 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.

- 3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to 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.

3.4 Emissions to water, air or land

- 3.4.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.
- 3.4.2 The limits given in schedule 3 shall not be exceeded.
- 3.4.3 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.
- 3.4.4 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.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in table S3.1;
 - (b) process monitoring specified in table S3.2;
 - (c) other 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 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1, unless otherwise agreed in writing by the Environment Agency.

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 Within one 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.
- 4.2.3 For the following activities referenced in schedule 1, table S1.1, A1 to A8; 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.
- 4.2.4 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.
- 4.2.5 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.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
- (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

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

Where the operator is a registered company:

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

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

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	S5.3 A(1)(a)(vi)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving: recycling or reclamation of inorganic materials other than metals or metal compounds (R5, D8).	Soil Treatment Facility: Bioremediation of hazardous waste materials. All treatment must take place on an impermeable surface with sealed drainage. Hazardous waste types only as per table S2.2.
A2	S5.4 A(1)(b)(i)	Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving: biological treatment (R3, R5, D8).	Soil Treatment Facility: Bioremediation of non-hazardous waste materials. All treatment must take place on an impermeable surface with sealed drainage. Non-hazardous waste types only as per table S2.2
A3	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving: physico-chemical treatment (R3, R5, D9).	Asphalt Plant: Treatment involving sorting, separation, screening and crushing of waste. Hazardous waste types only as per table S2.3.
A4	S5.3 A(1)(a)(iii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving: blending or mixing (R3, R5, D13)	Soil Treatment Facility: blending and mixing of hazardous waste. All treatment must take place on an impermeable surface with sealed drainage. Hazardous waste types only as per table S2.2

A5	S5.6 A(1)(a)	Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes (R13, D15).	Soil Treatment Facility and Asphalt Plant: All storage must take place on an impermeable surface with sealed drainage. Hazardous waste types only as per tables S2.2 & S2.3.
A6	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving: physico-chemical treatment (R3, R5, D9).	Chemical stabilisation: Mechanical mixing of treated soils with dry additives. Only where bioremediation (activities A1 or A2) results in material still containing metal contamination that lies above the acceptance threshold concentration of the receiving site or contains a residual / persistent hydrocarbon species. Each chemical stabilisation occurrence must be fully documented including details of receiving site and records should be available for Environment Agency inspection at any time.
Directly Associated Activity			
A7	Blending or mixing of non-hazardous waste soils.	R5: Recycling / reclamation of inorganic materials other than metals and metal compounds.	All treatment must take place on an impermeable surface with sealed drainage. Non-hazardous waste only as per table S2.3.
A8	Temporary storage at soil treatment facility of non-hazardous waste pending recovery.	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).	All storage must take place on an impermeable surface with sealed drainage. Non-hazardous waste only as per table S2.3.

	Description of activities for waste operations	Limits of activities
A9 Aggregate Recycling Facility inc. Asphalt plant	<p>R13: Storage of wastes pending any of the operations numbered R3 and R5.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents;</p> <p>R5: Recycling or reclamation of other inorganic materials</p>	<p>Treatment of wastes consisting only of washing [non-hazardous waste only], sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute, aggregate or manufacture of foamed bitumen road base.</p> <p>Waste types and quantities as specified in table S2.3</p>
A10 Deposit for Recovery	<p>R13: Storage of wastes pending any of the operations numbered R3 and R5.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents;</p> <p>R5: Recycling or reclamation of other inorganic materials</p>	<p>Secure storage and use of wastes listed in table S2.4 for the purposes of the construction work as detailed in the approved waste recovery plan.</p> <p>The activities shall not be carried out other than in accordance with the approved waste recovery plan</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
How to comply with your Environmental Permit (EPR 1.00)	All sections	N/A
Application	Approved waste recovery plan document reference 412.01009.00063/WRP	28/03/13
Additional Information	Confirmation of conversion rate of waste from m ³ to tonnes	11/06/13
Variation application EPR/AB3006CE/V002	Application Form Part C3, part 3 operating techniques; BATOT document Feb 2014 Rev 1. Odour Management Plan.	07/03/14
Admin variation request	details of Admin variation re waste codes	29/04/14
Schedule 5 response	Responses to questions 1 – 7.	19/05/14
Schedule 5 follow up response	Responses referring to toxic metals, maximum limits and sampling regime	27/06/14
Chemical stabilisation supplementary details	All sections: Soil Treatment Facility – Chemical Stabilisation Process	18/08/14; 18/09/14

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC 1	The operator shall submit to the Environment Agency for approval written details of the specific operating parameters for the biofilter and the optimal operating condition ranges which will be maintained.	Prior to the commencement of operation of the Soil Treatment Facility.
IC 2	<p>The operator shall submit a written monitoring programme to the Environment Agency for approval. The monitoring programme shall contain proposals for;</p> <ul style="list-style-type: none"> • Monitoring volatile organic compounds and odour emissions from the biofilter • Monitoring biofilter operating parameters <p>The operator shall provide details of monitoring methods, monitoring frequency and dates for the implementation of any individual measures.</p>	Prior to commencement of operation of the Soil Treatment Facility.

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 the Soil Treatment Facility

Maximum quantity	The total quantity of waste accepted at the site shall be less than 250,000 tonnes per year.
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Exclusions

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Wastes in liquid form
- Asbestos

Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 09	waste sand and clays
01 05	drilling muds and other drilling wastes
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 dangerous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	other tars
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05,12 and 19)
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
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 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing dangerous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing dangerous substances
17 05 08	track ballast other than those mentioned in 17 05 07
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 05	wastes from aerobic treatment of solid wastes
19 05 03	off-specification compost
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing dangerous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
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 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste (civic amenity waste, bark, parks and garden wastes, trees, trimmings – hedge and tree, wood)

Table S2.3 Permitted waste types and quantities for the Recycling Facility / Asphalt Plant

Maximum quantity The total quantity of waste accepted at the site shall be less than 250,000 tonnes per year.

Exclusions

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Hazardous wastes (other than chapter 17 03 codes)
- Wastes in liquid form

Waste code	Description
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 02	wastes from mineral non-metalliferous excavation
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 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
2	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	shellfish shells from which the soft tissue or flesh has been removed only
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash and slag only
10 01 02	pulverised fuel ash only
10 01 05	gypsum (solid) only
10 01 07	gypsum (sludge) only
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 11	wastes from manufacture of glass and glass products
10 11 12	clean glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 11	wastes from cement-based composite materials; comprising only surplus mortar from a dry silo mortar plant
10 13 14	wastes comprising solid waste concrete and mixtures of aggregates, silt, and cement from ready mixed concrete batching plants
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 07	clean glass only
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 02	clean glass only
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar
17 03 02	road base and road planings (other than those containing coal tar) only
17 03 03*	coal tar and tarred products
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 08	gypsum-based construction material
17 08 02	gypsum only other than that mentioned in 17 08 01
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 01	wastes from incineration or pyrolysis of waste
19 01 12	bottom ash and slag from biomass plant
19 05	wastes from aerobic treatment of solid wastes
19 05 03	compost from source segregated biodegradable waste only
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	sludges from water clarification
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials listed in table S2.3) from mechanical treatment of wastes; other than those mentioned in 19 12 11.
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
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 02	clean glass only
20 02	garden and park wastes (including cemetery waste)

20 02 02	soil and stones
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Table S2.4 Permitted waste types and quantities for the Deposit for Recovery activity

Maximum quantity	The total quantity of waste accepted at the site shall be less than 250,000 tonnes per year. The total quantity of waste to be deposited under the deposit for recovery activity shall be less than 65,600 tonnes.
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Exclusions

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Hazardous wastes
- Wastes in liquid form

Waste code	Description
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 09	waste sand and clays
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
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 12 12	soil substitutes other than that containing dangerous substances only
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 Point source emissions to air – emission limits and monitoring requirements

Emission point Ref. & Location	Parameter	Source	Limit (including unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
A1 Biofilter on Soil Treatment Pad [when operational]	-	Biofilter	-	As agreed by IC 2	As per frequencies agreed by completion of IC 2	As per monitoring standard agreed by completion of IC 2

Table S3.2 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
A1 – biofilter on Soil Treatment Pad [when operational]	Temperature	As per frequencies agreed by IC 2	As per monitoring standard agreed IC 2	Biofilter should be checked and maintained to ensure appropriate temperature and moisture content on a daily basis. Monitoring equipment shall be available on-site and used as required to ensure compliance with this permit.
	Moisture content			
	Flow rate			
	Nutrient levels			
	Contaminant elimination			

Table S3.3 Other Monitoring requirements – contaminated soil

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Soil biopiles	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAHs) Pentachlorophenol (PCP) Note 1 Total Volatile Organic Compounds (VOCs) Phenols pH	Each completed batch of treated soil shall be sampled	Samples to be obtained using standard sampling procedures as per BS 812.	Laboratory must be accredited to EN ISO/IEC ISO17025:2000 for the analysis specified.

Note 1: Only if PCP contaminated soils are received for treatment

Schedule 4 - Reporting

Table S4.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Process monitoring requirements Parameters as required by condition 3.5.1.	Biofilter – temperature, moisture content, flow rate, nutrient levels, contaminant elimination.	Every 3 months	08/10/14

Table S4.2: Annual production/treatment for activities A1 to A8.

Parameter	Units
Remediated soil for recovery	tonnes
Remediated soil for disposal	tonnes
Material subject to post treatment chemical stabilisation	tonnes
Material classed as non-waste removed off site (to include destination / status of material)	tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh
Water usage	Annually	tonnes

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	08/10/14
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	08/10/14
Performance indicators	Form performance 1 or other form as agreed in writing with the Environment Agency	08/10/14

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified Immediately	
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 permit condition	
To be notified immediately	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

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

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

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

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

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

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

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

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

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

“*hazardous 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).

“*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.

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

“*recovery*” means 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

Site layout:



