Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mick George Limited

Rushton Hazardous Waste Treatment Centre
Oakley Road
Rushton
Kettering
Northamptonshire
NN14 1RS

Variation application number

EPR/CP3995SN/V003

Permit number

EPR/CP3995SN

Rushton Hazardous Waste Treatment Centre
Permit number EPR/CP3995SN

Introductory note

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

The following notice gives notice of the variation and consolidation of an environmental permit.

This variation is to:

Increase the total permitted annual throughput of the site to 500,000 tonnes per annum, which will comprise of:

- Asbestos waste – 10,000 tonnes.
- Contaminated soils for treatment by bioremediation – 60,000 tonnes (55,000 hazardous waste and 5,000 non hazardous waste);
- Non-hazardous waste in the transfer station – 430,000 tonnes (which includes no more than 10,000 tonnes per annum of hazardous wastes other than soil contaminated with hazardous waste).

This variation covers the bioremediation of contaminated soil; increasing the permit boundary; the production of refuse derived fuel (RDF) in a new building; and the introduction of new waste codes 18 01 03* (hazardous clinical waste) 18 01 04 (non hazardous clinical waste).

The previous original permit and variation are consolidated as part of this variation and the conditions are updated to modern standard. The activities have also been updated in accordance with the amended EPR Regulations following implementation of the IED Directive.

Proposals for the solidification and stabilisation of hazardous wastes as part of the soil treatment activities were not accepted as part of this variation.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	**Date**	**Comments**
Application received EPR/CP3995SN/A001	Duly made 10/10/2008	Application for a standard rules permit
Permit determined EPR/CP3995SN	26/01/2009	
Application EPR/CP3995SN/V002	Duly made 27/05/2010	Application to vary to a bespoke waste facility permit
Variation determined EPR/CP3995SN	18/08/2010	
Application EPR/CP3995SN/V003 (variation and consolidation)	Duly made 18/02/2013	Application to vary to an installation and update the permit to modern conditions (which also converts the waste facility permit to an installation).
Variation determined EPR/CP3995SN/V003	06/09/13	Varied and consolidated permit issued in modern condition format.

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 regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

permit number
EPR/CP3995SN

issued to
Mick George Limited ("the operator")

whose registered office is

Second Drove
Meadow Lane
St Ives
Huntingdon
Cambridgeshire
PE27 4YQ

company registration number 2417831

to operate a regulated facility at

Rushton Hazardous Waste Treatment Centre
Oakley Road
Rushton
Kettering
Northamptonshire
NN14 1RS

to the extent set out in the schedules.

The notice shall take effect from 06/09/2013

Name	Date
Anne Nightingale	**06/09/2013**

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/CP3995SN

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CP3995SN/V003 authorising,

Mick George Limited ("the operator"),

whose registered office is

Second Drove
Meadow Lane
St Ives
Huntington
Cambridgeshire
PE27 4YQ

company registration number 2417831

to operate an installation and waste operations

Rushton Hazardous Waste Treatment Centre
Oakley Road
Rushton
Kettering
Northamptonshire
NN14 1RS

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

Name	Date
Anne Nightingale	**06/09/2013**

Authorised on behalf of the Environment Agency

Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A6) the operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A6) the operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.1.2 For the following activities referenced in schedule 1, table S1.1. 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 (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 S2.1, S2.2 and S2.3; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Technical requirements

WEEE treatment

2.4.1 The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.

2.4.2 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRT).

2.4.3 As a minimum, the substances, preparations and components specified in table 2.4 shall be removed from any separately collected WEEE.

Table 2.4 Substances, preparations and components to be removed from separately collected WEEE

- Capacitors containing Polychlorinated biphenyls (PCB)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and pasty, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
- Electrolytic capacitors containing “substances of concern” (height >25 mm, diameter >25 mm or proportionately similar volume)

2.4.4 All fluids contained within any WEEE shall be removed prior to further treatment.

2.4.5 Separately collected components of WEEE specified in table 2.5 shall be treated in accordance with the methods specified in that table.

Table 2.5 Specified Treatment Methods for separately collected components of WEEE

Component	Specified Treatment
Cathode ray tubes	The fluorescent coating shall be removed.
Gas discharge lamps	The mercury shall be removed.

2.4.6 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

Waste battery and accumulator treatment

2.4.7 Treatment of waste batteries and accumulators must meet the minimum requirements set out in Annex III, Part A of Directive 2006/66/EC of the European Parliament and of the

Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

Hazardous waste storage and treatment

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

2.5 Improvement programme

2.5.1 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.

2.5.2 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.

2.6 Pre-operational conditions

2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

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.

3.1.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.1.4 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 Monitoring

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

(a) ambient air monitoring specified in table S3.1.

3.2.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.3 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.

3.3.3 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 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

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

4.2 Reporting

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

4.2.2 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 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) in the event of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

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

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 Activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
A1	S5.3 A1(a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day	S5.3 A1(a)(i) Ex-situ biological treatment consisting of bioremediation of hazardous waste soils for disposal or recovery. D8: Biological treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D1 to D12.	All treatment must take place on an impermeable surface with a sealed drainage system. No treatment shall take place until pre-operational condition 3, table S1.4, has been complied with in relation to abatement. Treatment of soils containing metals and hydrocarbons only. Waste types as specified in Table 2.1. Excluding waste containing asbestos and waste with hazardous properties H1, H2, H3A, H3B, H4/8, H9.
A2	S5.3 A(1)(a) Disposal or Recovery of hazardous waste in a plant with a capacity of more than 10 tonnes per day.	S5.3A1(a)(vi) recycling/reclamation of inorganic materials other than metals or metal compounds involving the Ex-situ bioremediation of hazardous waste soil. R5: Recycling/reclamation of inorganic materials other than metals and metal compounds.	All treatment must take place on an impermeable surface with a sealed drainage system. No treatment shall take place until pre-operational condition 3, table S1.4, has been complied with in relation to abatement. Treatment of soils containing metals and hydrocarbons only. Waste types as specified in Table 2.1. Excluding waste containing asbestos and waste with hazardous properties H1, H2, H3A, H3B, H4/8, H9.

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**
A3	Disposal or Recovery of hazardous waste in a plant with a capacity of more than 10 tonnes per day	S5.3 A(1)(a)(iii) Blending or mixing prior to submission to any of the other activities listed in section 5.3. D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12.	All treatment must take place on an impermeable surface with a sealed drainage system. The blending and mixing of hazardous waste is only permitted provided it is in line with approved blending and mixing methodology as set out in pre-operational condition 2 in table S1.4. Treatment of soils containing metals and hydrocarbons only. Waste types as specified in Table 2.1. Excluding waste containing asbestos and waste with hazardous properties H1, H2, H3A, H3B, H4/8, H9.
A4	Disposal or Recovery of hazardous waste in a plant with a capacity of more than 10 tonnes per day	5.3A(1)(a)(iv) repackaging prior to the submission to any of the other activities listed in this section or in Section 5.1. Operation of hazardous waste transfer station. **D15:** Storage pending any operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced). **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). **D14**: Repackaging prior to submission of any of the operations numbered D1 to D13.	No more than 10 tonnes per day of hazardous waste shall be accepted into the transfer station. There shall be no treatment of fridges or fluorescent tubes. No more than 50 tonnes of fridges shall be stored at this site. No more than 10 tonnes of fluorescent tubes shall be stored at this site. Waste types as specified in Table 2.3 excluding dusty wastes.

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**
A5	S5.4 A(1)(a) Disposal of non-hazardous waste in a plant with a capacity of more than 50 tonnes per day	S5.4 A(1)(a)(i): biological treatment. Ex-situ biological treatment consisting of bioremediation of non-hazardous waste soils. D8: Biological treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D1 to D12.	All treatment and storage must take place on an impermeable surface with a sealed drainage system. For bioremediation - waste types as specified in Table 2.1.
A6	S5.4 A(1)(a) Disposal of non-hazardous waste in a plant with a capacity of more than 50 tonnes per day	Non-hazardous transfer station S5.4 A (1)(a)(ii) physico-chemical treatment. Operation of the non hazardous waste transfer station **D15:** Storage pending any operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced). **D14**: Repackaging prior to submission of any of the operations numbered D1 to D13. **D9**: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12.	Treatment operations shall be limited to manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal. No more than 50 tonnes of intact and shredded waste vehicle tyres (waste code 160103 and 191204) shall be stored at the site. Waste types for the physic-chemical treatment in the non-hazardous waste transfer station as specified in Table 2.3.
A7	S5.4 A(1)(b) Recovery of non-hazardous waste in a plant with a capacity of more than 75 tonnes per day	S5.4 A(1)(b)(i): Ex-situ biological treatment consisting of bioremediation of non-hazardous waste soils. R5: Recycling/reclamation of other inorganic compounds.	All treatment and storage must take place on an impermeable surface with a sealed drainage system. Treatment of soils containing metals and hydrocarbons only. Waste types as specified in Table 2.1.

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**
A8	S5.4 A(1)(b) Recovery of non-hazardous waste in a plant with a capacity of more than 75 tonnes per day	S5.4A(1)(b)(ii): Pre-treatment for incineration and co-incineration	Treatment operations shall be limited to manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal. The production of refuse derived fuel (RDF) in the RDF building on an impermeable surface with a sealed drainage system. No more than 2000 tonnes of RDF waste shall be stored in the RDF building. Waste types in accordance with Table S2.3 excluding hazardous wastes.

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**
A9	S5.6 A(1)(a): Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	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 a sealed drainage system. Waste for recovery and disposal must be stored separately on areas where they or any associated runoff will not come into contact with each other. No storage shall take place until pre-operational condition 1 has been complied with. Treatment of soils containing metals and hydrocarbons only. Waste types as specified in Table 2.1. Excluding waste soils containing asbestos and waste with hazardous properties H1, H2, H3A, H3B, H4/8, H9. The maximum quantity of asbestos waste received at the site shall not exceed 50 tonnes per day. The asbestos waste shall be double bagged, labelled and stored within clearly identified segregated secure containers on an impermeable surface with sealed drainage – in accordance with Improvement condition 1. There shall be no bulking of asbestos waste (skip to skip). There shall be no treatment of asbestos waste. Waste types as specified in Table 2.2.
	Directly Associated Activity		

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**
A10	Surface water management	Discharge of clean uncontaminated surface water and roof water	From surface water management system to point of entry to controlled waters (ditch/soakaway offsite).
A11	Wastewater collection	Contaminated surface water from within the buildings, yard area and from the soil treatment area shall be collected in an underground sump prior to tankering away for disposal at an authorised facility.	From the underground sump which forms part of the sealed drainage system prior to tankering offsite for disposal.
A12	Screening of waste soils prior to submission into activities A1, A2, A3, A5 and A6.	Screening of waste to remove any materials which are not suitable for use in restoration or treatment.	All treatment must take place on an impermeable surface with sealed drainage.
A13	Blending or mixing prior to submissions to any of the other activities listed in section 5.4.	D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12. R5: Recycling/reclamation of inorganic materials other than metals and metal compounds.	All treatment must take place on an impermeable surface with a sealed drainage system. The blending and mixing of non-hazardous waste is only permitted provided it is in line with approved blending and mixing methodology as set out in pre-operational condition 2 in table S1.4. Waste types as specified in Table 2.1.
A14	Temporary storage of non-hazardous waste pending 5.4 activity.	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 a sealed drainage system. Waste for recovery and disposal must be stored separately on areas where they or any associated runoff will not come into contact with each other in accordance with pre-operational condition 1. Waste types as specified in Table 2.1.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/CP3995SN/V002	Application for EPR/CP3995SN/V002 for a bespoke waste Transfer Station	Duly made 27/05/10
Application EPR/CP3995SN/V003	Parts C2, C3 and C4 of the Application form.	Received 17/12/12. Duly made 18/02/13
Response to request for information	Environmental Risk Assessment - August 13 – Version 4 including: ➢ Appendix A – Amenity and Accident Risk Assessment; ➢ Appendix B – Environmental Monitoring Plan; ➢ Appendix C – Materials Safety Data Sheets. Excluding references to soil stabilisation / solidification and storage of hazardous liquid wastes and oils. Accident Management Plan 2013, Version 2. Excluding references to soil stabilisation / solidification and storage of hazardous liquid wastes and oils.	9/8/13
Response to request for information	Operating techniques document dated August 2013 excluding section 3.0 on Asbestos storage; and Section 5.0 on Stabilisation / Solidification.	16/8/13

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
1	In relation to the acceptance of asbestos - the operator shall update the pre-acceptance, acceptance, handling and storage procedures in accordance with our guidance 215-12 entitled 'Storage and transfer of asbestos wastes' and the other guidance referenced in this document.	06/12/2013
2	The operator shall submit updated site management systems and operating techniques documents to incorporate the changes brought by this variation. The documents should also include procedures for the acceptance, storage and handling of clinical wastes.	06/12/2013
3	The operator shall submit a H1 risk assessment for surface water discharges from SW1 and SW2. Depending on the outcome of the H1 risk assessment, the operator shall also submit proposals to the Environment Agency for approval for monitoring the surface water discharges from SW1 and SW2. The monitoring plan shall be implemented following approval by the Environment Agency as necessary.	06/03/2014
4	The operator shall submit to the Environment Agency for approval a full BAT review for the hazardous and non hazardous waste transfer stations in accordance with the Environment Agency guidance S5.06.	06/12/2013

Table S1.4 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
1	Prior to the bioremediation of soils	The operator shall submit proposals to ensure that the storage and treatment of hazardous and non hazardous soils in the soil treatment area are kept physically separate. This also includes the drainage from the soil in this storage and treatment area. Proposals shall also be submitted to ensure that the wastes are covered to prevent emissions where necessary. The bioremediation activity shall not take place until the proposals have been agreed in writing by the Environment Agency.
2	Prior to the bioremediation of soils	The operator shall submit to the Environment Agency for written approval, a methodology for batching and blending of wastes (i.e. where different amounts of wastes and types of wastes are accepted from different sources) prior to treatment by bioremediation. The methodology should include details of why blending of different waste types especially hazardous waste is necessary. The bioremediation activity shall not take place until the proposals have been agreed in writing by the Environment Agency.
3	Prior to the bioremediation of soils	The operator shall submit to the Environment Agency for approval, proposals for the abatement and extraction of VOCs from the contaminated soils in accordance with our guidance S5.06 or provide further justification if this is not considered to be necessary. The bioremediation activity shall not take place until the proposals have been agreed in writing by the Environment Agency.
4	Prior to the bioremediation of soils	The operator shall submit to the Environment Agency for approval, a methodology for the process sampling and testing of the waste soils as part of the bioremediation process in accordance with our guidance WM2.
5	Prior to the bioremediation of soils	A methodology for the initial screening process prior to treatment by bioremediation shall be submitted to the Environment Agency for approval. The methodology shall include details of the location of this activity, provision for emission management including dust suppression. The bioremediation activity shall not take place until the proposals have been agreed in writing by the Environment Agency.
6	Prior to the acceptance of hazardous clinical waste	The operator shall submit to the Environment Agency for written approval a risk assessment and an updated operating techniques document for the acceptance of hazardous clinical waste in accordance with S5.07.
7	Prior to operations on the new part of the site	No activity shall commence until the Operator has submitted construction proposals for the new area of the site (following extension of the installation boundary) to the Environment Agency for written approval. The construction proposals should include details of the impermeable surface and sealed drainage system including the new soil treatment area and associated infrastructure. Construction shall not commence until the proposals have been agreed in writing by the Environment Agency. The construction shall take place only in accordance with the approved construction proposals unless: a. any change to the approved construction proposals would have no impact on the performance of any element of the design; or b. a change has otherwise been agreed in writing by the Environment Agency.

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for bioremediation of contaminated soils.	
Permitted quantity 60,000 tonnes per annum (55,000 hazardous waste soils and 5,000 non hazardous waste soils). Treatment of soils containing metals and hydrocarbons only. Excluding waste containing asbestos and waste with hazardous properties H1, H2, H3A, H3B, H4/8, H9.	
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 07*	Wastes containing dangerous substances 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 03*	Soils and stones containing dangerous substances
17 05 04	Soils 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
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 02	**Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 05*	Sludges from physico/chemical treatment containing dangerous substances
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 08	**Wastes from waste water treatment plants not otherwise specified**
19 08 11*	Sludges containing dangerous substances from biological treatment of industrial waste water
19 08 12	Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 13*	Sludges containing dangerous substances from other treatment of industrial waste water
19 08 14	Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
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 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances.
19 13	**Wastes from soil and groundwater remediation**
19 13 01*	Solid waste from soil remediation containing dangerous substances
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	Sludges from soil remediation containing dangerous substances

19 13 04	Sludges from soil remediation other than those mentioned in 19 13 03
19 13 05*	Sludges from groundwater remediation containing dangerous substances
19 13 06	Sludges from groundwater remediation other than those mentioned in 19 13 05
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

Table S2.2 Permitted waste types and quantities for asbestos.	
Maximum quantity – 10,000 tonnes per annum	
Waste code	**Description**
06 07	**Wastes from the MFSU of halogens and halogen chemical processes**
06 07 01*	Wastes containing asbestos from electrolysis
06 13	**Wastes from inorganic chemical processes not otherwise specified**
06 13 04*	Wastes from asbestos processing
06 13 09*	Wastes from asbestos-cement manufacture containing asbestos
10	**WASTES FROM THERMAL PROCESSES**
10 13	**Wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 10	Wastes from asbestos-cement manufacture containing asbestos other than in 10 13 09
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 11*	Metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 01	**End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 11*	Brake pads containing asbestos
16 02	**Wastes from electrical and electronic equipment**
16 02 12*	Discarded equipment containing free asbestos
17 06	**Insulation materials and asbestos-containing construction materials**
17 06 01*	Insulation materials containing asbestos
17 06 05*	Construction materials containing asbestos

Table S2.3 Permitted waste types and quantities for the transfer station.	
Maximum quantity – 430,000 tonnes which includes no more than 10,000 tonnes per day of hazardous waste. Excluding dusty wastes.	
Waste code	**Description**
01	**WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS**
01 01	**Wastes from mineral excavation**
01 01 01	Wastes from mineral metalliferous excavation
01 01 02	Wastes from mineral non-metalliferous excavation
01 03	**Wastes from physical and chemical processing of metalliferous minerals**
01 03 06	Tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	Red mud from alumina production other than the wastes mentioned in 01 03 07

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 11	Wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	Tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	Wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	**Drilling muds and other drilling wastes**
01 05 04	Freshwater drilling muds and wastes
01 05 07	Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	Chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**
02 01	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 03	Plant-tissue waste
02 01 04	Waste plastics (except packaging)
02 01 06	Animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	Wastes from forestry
02 01 10	Waste metal
02 02	**Wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 03	Materials unsuitable for consumption or processing
02 03	**Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 03	Wastes from solvent extraction
02 03 04	Materials unsuitable for consumption or processing
02 04	**Wastes from sugar processing**
02 04 01	Soil from cleaning and washing beet
02 04 02	Off-specification calcium carbonate
02 05	**Wastes from the dairy products industry**
02 05 01	Materials unsuitable for consumption or processing
02 06	**Wastes from the baking and confectionery industry**
02 06 01	Materials unsuitable for consumption or processing
02 06 02	Wastes from preserving agents
02 07	**Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	Wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	Wastes from spirits distillation
02 07 04	Materials unsuitable for consumption or processing
03	**WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD**
03 01	**Wastes from wood processing and the production of panels and furniture**
03 01 01	Waste bark and cork
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04

03 03	**Wastes from pulp, paper and cardboard production and processing**
03 03 01	Waste bark and wood
03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
03 03 09	Lime mud waste
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	**WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES**
04 01	**Wastes from the leather and fur industry**
04 01 01	Fleshings and lime split wastes
04 01 02	Liming waste
04 01 08	Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	Wastes from dressing and finishing
04 02	**Wastes from the textile industry**
04 02 09	Wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	Organic matter from natural products (for example grease, wax)
04 02 15	Wastes from finishing other than those mentioned in 04 02 14
04 02 17	Dyestuffs and pigments other than those mentioned in 04 02 16
04 02 21	Wastes from unprocessed textile fibres
04 02 22	Wastes from processed textile fibres
05	**WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL**
05 01	**Wastes from petroleum refining**
05 01 13	Boiler feedwater sludges
05 01 14	Wastes from cooling columns
05 01 17	Bitumen
05 06	**Wastes from the pyrolytic treatment of coal**
05 06 04	Waste from cooling columns
06	**WASTES FROM INORGANIC CHEMICAL PROCESSES**
06 03	**Wastes from the MFSU of salts and their solutions and metallic oxides**
06 03 14	Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	Metallic oxides other than those mentioned in 06 03 15
06 09	**Wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes**
06 09 02	Phosphorous slag
06 09 04	Calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	**Wastes from the manufacture of inorganic pigments and opacificiers**
06 11 01	Calcium-based reaction wastes from titanium dioxide production
06 13	**Wastes from inorganic chemical processes not otherwise specified**
06 13 03	Carbon black
07	**WASTES FROM ORGANIC CHEMICAL PROCESSES**
07 02	**Wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 13	Waste plastic
07 02 15	Wastes from additives other than those mentioned in 07 02 14
07 02 17	Wastes containing silicones other than those mentioned in 07 02 16
07 05	**Wastes from the MFSU of pharmaceuticals**
07 05 14	Solid wastes other than those mentioned in 07 05 13

08	**WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS**
08 02	**Wastes from MFSU of other coatings (including ceramic materials)**
08 02 01	Waste coating powders
08 04	**Wastes from MFSU of adhesives and sealants (including waterproofing products)**
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
09	**WASTES FROM THE PHOTOGRAPHIC INDUSTRY**
09 01	**Wastes from the photographic industry**
09 01 07	Photographic film and paper containing silver or silver compounds
09 01 08	Photographic film and paper free of silver or silver compounds
09 01 10	Single-use cameras without batteries
09 01 12	Single-use cameras containing batteries other than those mentioned in 09 01 11
10	**WASTES FROM THERMAL PROCESSES**
10 01	**Wastes from power stations and other combustion plants (except 19)**
10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	Coal fly ash
10 01 03	Fly ash from peat and untreated wood
10 01 05	Calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	Calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	Sands from fluidised beds
10 01 25	Wastes from fuel storage and preparation of coal-fired power plants
10 02	**Wastes from the iron and steel industry**
10 02 01	Wastes from the processing of slag
10 02 02	Unprocessed slag
10 02 08	Solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	Mill scales
10 02 12	Wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	Other sludges and filter cakes
10 03	**Wastes from aluminium thermal metallurgy**
10 03 02	Anode scraps
10 03 05	Waste alumina
10 03 16	Skimmings other than those mentioned in 10 03 15
10 03 18	Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	Solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	Sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	Wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	**Wastes from lead thermal metallurgy**
10 04 10	Wastes from cooling-water treatment other than those mentioned in 10 04 09

10 05	**Wastes from zinc thermal metallurgy**
10 05 01	Slags from primary and secondary production
10 05 09	Wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	Dross and skimmings other than those mentioned in 10 05 10
10 06	**Wastes from copper thermal metallurgy**
10 06 01	Slags from primary and secondary production
10 06 02	Dross and skimmings from primary and secondary production
10 06 10	Wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**Wastes from silver, gold and platinum thermal metallurgy**
10 07 01	Slags from primary and secondary production
10 07 02	Dross and skimmings from primary and secondary production
10 07 03	Solid wastes from gas treatment
10 07 05	Sludges and filter cakes from gas treatment
10 07 08	Wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**Wastes from other non-ferrous thermal metallurgy**
10 08 09	Other slags
10 08 11	Dross and skimmings other than those mentioned in 10 08 10
10 08 13	Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	Anode scrap
10 08 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	Wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	**Wastes from casting of ferrous pieces**
10 09 03	Furnace slag
10 09 06	Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	Waste binders other than those mentioned in 10 09 13
10 09 16	Waste crack-indicating agent other than those mentioned in 10 09 15
10 10	**Wastes from casting of non-ferrous pieces**
10 10 03	Furnace slag
10 10 06	Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 14	Waste binders other than those mentioned in 10 10 13
10 10 16	Waste crack-indicating agent other than those mentioned in 10 10 15
10 11	**Wastes from manufacture of glass and glass products**
10 11 03	Waste glass-based fibrous materials
10 11 10	Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	Waste glass other than those mentioned in 10 11 11
10 11 16	Solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	Solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	**Wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 01	Waste preparation mixture before thermal processing

10 12 05	Sludges and filter cakes from gas treatment
10 12 06	Discarded moulds
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	Solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	Wastes from glazing other than those mentioned in 10 12 11
10 13	**Wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 01	Waste preparation mixture before thermal processing
10 13 04	Wastes from calcination and hydration of lime
10 13 07	Sludges and filter cakes from gas treatment
10 13 11	Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	Solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	Waste concrete and concrete sludge
11	**WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY**
11 01	**Wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)**
11 01 10	Sludges and filter cakes other than those mentioned in 11 01 09
11 01 14	Degreasing wastes other than those mentioned in 11 01 13
11 02	**Wastes from non-ferrous hydrometallurgical processes**
11 02 03	Wastes from the production of anodes for aqueous electrolytical processes
11 02 06	Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	**Wastes from hot galvanising processes**
11 05 01	Hard zinc
11 05 02	Zinc ash
12	**WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS**
12 01	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 01	Ferrous metal filings and turnings
12 01 03	Non-ferrous metal filings and turnings
12 01 05	Plastics shavings and turnings
12 01 13	Welding wastes
12 01 17	Waste blasting material other than those mentioned in 12 01 16
12 01 21	Spent grinding bodies and grinding materials other than those mentioned in 12 01 20
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 01	Paper and cardboard packaging
15 01 02	Plastic packaging
15 01 03	Wooden packaging
15 01 04	Metallic packaging
15 01 05	Composite packaging
15 01 06	Mixed packaging
15 01 07	Glass packaging

15 01 09	Textile packaging
15 02	**Absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 01	**End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 03	End of life tyres
16 01 12	Brake pads other than those mentioned in 16 01 11
16 01 17	Ferrous metal
16 01 18	Non-ferrous metal
16 01 19	Plastic
16 01 20	Glass
16 01 22	Components not otherwise specified
16 02	**Wastes from electrical and electronic equipment**
16 02 09*	Transformers and capacitors containing PCBs
16 02 10*	Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	Discarded equipment containing hazardous components[1] other than those mentioned in 16 02 09 to 16 02 12
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	Hazardous components removed from discarded equipment
16 02 16	Components removed from discarded equipment other than those mentioned in 15 02 15
16 03	**Off-specification batches and unused products**
16 03 04	Inorganic wastes other than those mentioned in 16 03 03
16 03 06	Organic wastes other than those mentioned in 16 03 05
16 05	**Gases in pressure containers and discarded chemicals**
16 05 04*	Gases in pressure containers (including halons) containing dangerous substances
16 05 05	Gases in pressure containers other than those mentioned in 16 05 04
16 05 09	Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	**Batteries and accumulators**
16 06 04	Alkaline batteries (except 16 06 03)
16 06 05	Other batteries and accumulators
16 08	**Spent catalysts**
16 08 01	Spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	Spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	**Waste linings and refractories**
16 11 02	Carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	Other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	Linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

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 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**Wood, glass and plastic**
17 02 01	Wood
17 02 02	Glass
17 02 03	Plastic
17 02 04*	Glass, plastic and wood containing or contaminated with dangerous substances
17 03	**Bituminous mixtures, coal tar and tarred products**
17 03 01*	Bituminous mixtures containing coal tar
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01
17 03 03*	Coal tar and tarred products
17 04	**Metals (including their alloys)**
17 04 01	Copper, bronze, brass
17 04 02	Aluminium
17 04 03	Lead
17 04 04	Zinc
17 04 05	Iron and steel
17 04 06	Tin
17 04 07	Mixed metals
17 04 09*	Metal waste contaminated with dangerous substances
17 04 10*	Cables containing oil, coal tar and other dangerous substances
17 04 11	Cables other than those mentioned in 17 04 10
17 05	**Soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	Soil and stones containing dangerous substances
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 05*	Dredging spoil containing dangerous substances
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 05 07*	Track ballast containing dangerous substances
17 05 08	Track ballast other than those mentioned in 17 05 07
17 06	**Insulation materials and asbestos-containing construction materials**
17 06 03*	Other insulation materials consisting of or containing dangerous substances
17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	**Gypsum based construction material**
17 08 01*	Gypsum-based construction materials contaminated with dangerous substances
17 08 02	Gypsum-based construction materials other than those mentioned in 17 08 01
17 09	**Other construction and demolition wastes**
17 09 01*	Construction and demolition wastes containing mercury
17 09 02*	Construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
17 09 03*	Other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

18	**WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)**
18 01	**Wastes from natal care, diagnosis, treatment or prevention of disease in humans**
18 01 01	Sharps (except 18 01 03)
18 01 03*	Wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 01 04	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 01 07	Chemicals other than those mentioned in 18 01 06
18 02	**Wastes from research, diagnosis, treatment or prevention of disease involving animals**
18 02 03	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	Chemicals other than those mentioned in 18 02 05
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 01	**Wastes from incineration or pyrolysis of waste**
19 01 02	Ferrous materials removed from bottom ash
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
19 01 14	Fly ash other than those mentioned in 19 01 13
19 01 18	Pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	Sands from fluidised beds
19 04	**Vitrified waste and wastes from vitrification**
19 04 01	Vitrified waste
19 05	**Wastes from aerobic treatment of solid wastes**
19 05 01	Non-composted fraction of municipal and similar wastes
19 05 02	Non-composted fraction of animal and vegetable waste
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 09	**Wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 01	Solid waste from primary filtration and screenings
19 09 04	Spent activated carbon
19 09 05	Saturated or spent ion exchange resins
19 10	**Wastes from shredding of metal-containing wastes**
19 10 01	Iron and steel waste
19 10 02	Non-ferrous waste
19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	Other fractions other than those mentioned in 19 10 05
19 12	**Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 01	Paper and cardboard
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 08	Textiles
19 12 09	Minerals (for example sand, stones)
19 12 10	Combustible waste (refuse derived fuel)
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 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 01	Paper and cardboard
20 01 02	Glass
20 01 08	Biodegradable kitchen and canteen waste
20 01 10	Clothes
20 01 11	Textiles
20 01 21*	Fluorescent tubes and other mercury-containing wastes
20 01 23*	Discarded equipment containing chlorofluorocarbons
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 40	Metals
20 01 41	Wastes from chimney sweeping
20 02	**Garden and park wastes (including cemetery waste)**
20 02 01	Biodegradable waste
20 02 02	Soil and stones
20 02 03	Other non-biodegradable wastes
20 03	**Other municipal wastes**
20 03 01	Mixed municipal waste
20 03 02	Waste from markets
20 03 03	Street-cleaning residues
20 03 07	Bulky waste

Schedule 3 – Emissions and monitoring

Table S3.1 Ambient air monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
1.Next to stockpiled soil awaiting treatment	Particulate matter	Daily for 4 weeks prior to operation of bioremediation facility to establish baseline. Daily when contaminated soil is on site.	BS 1747	Compliance limit 200 mg/m^3/day
2. Next to a windrow (treated soil) 3. At site boundary upwind* of bioremediation area 4. At site boundary downwind* of bioremediation area *location will direction which will also be recorded	Benzene			Compliance limit 1 ppm

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	Points 1 – 4 as detailed in Table S3.1	Every 3 months	01/01, 01/04, 01/07, 01/10

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	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	06/09/2013
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	06/09/2013
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	06/09/2013

Schedule 5 - Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

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

Part B - to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

"accident" means an accident that may result in pollution.

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

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

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

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

"best available treatment, recovery and recycling techniques" shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled "Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE);

"building" means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

"controlled substances" means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unreacted feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling.

"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 IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"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**.**

"*End-of-Life Vehicles Directive*" means Directive 2000/53/EC of the European Parliament and Council of 18 September 2000 on end-of-life vehicles.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No. 675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

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

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

"Pests" means Birds, Vermin and Insects.

"ozone-depleting substances" "ODS" means "controlled substances" contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

"quarter" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

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

"recovery" means any of the operations provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 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.

"*WEEE*" means waste electrical and electronic equipment.

"WEEE Directive" means Directive 2002/96/EC of the European Parliament and of the Council of 27th January 2003 on waste electrical and electronic equipment (WEEE) as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8th December 2003 on waste electrical and electronic equipment (WEEE).

"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.

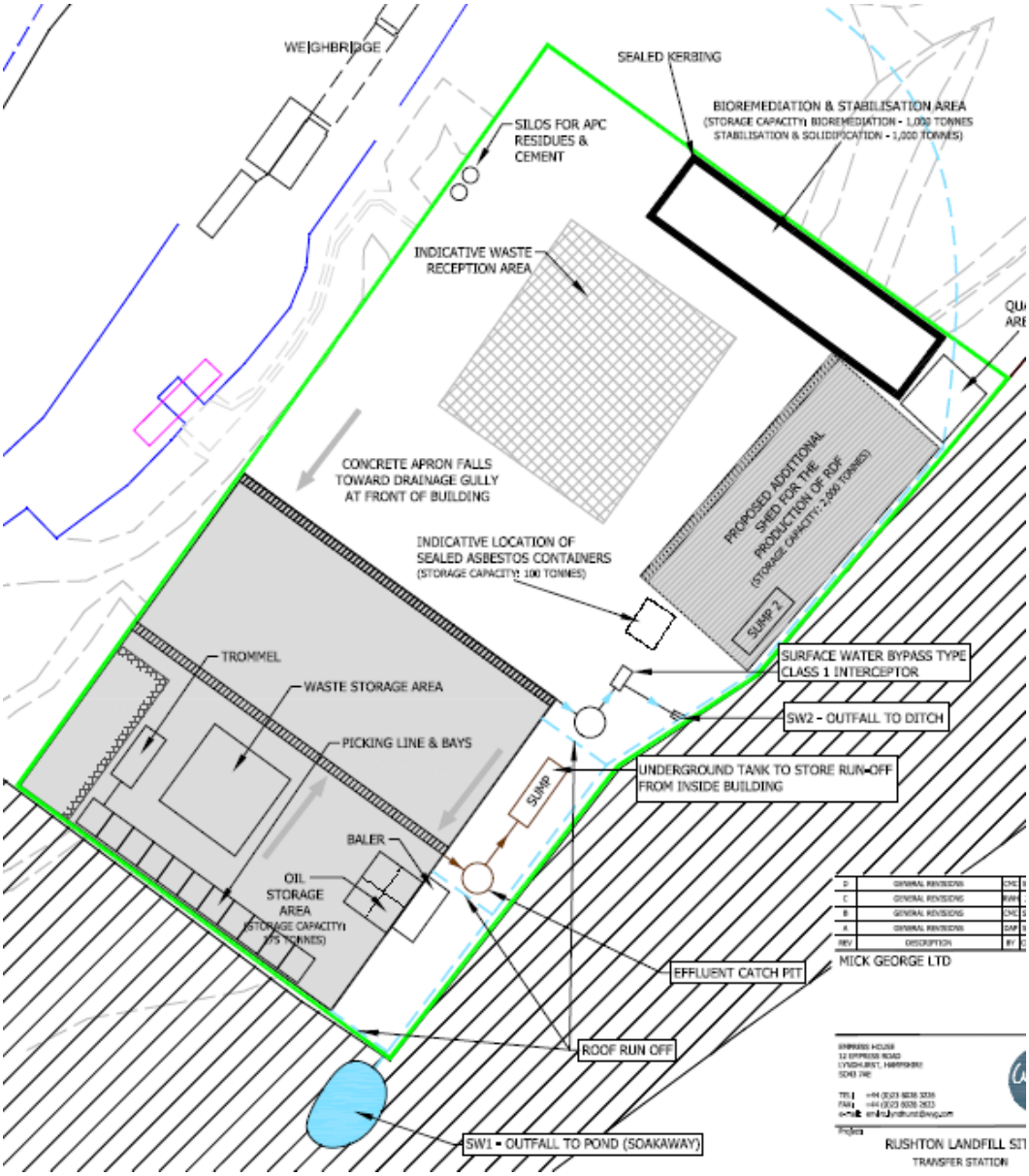
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273 K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

in relation to emissions from non-combustion sources, the concentration at a temperature of 273 K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Schedule 7 - Site plan



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