

6.0 SITE COMPLETION/POST CLOSURE (The following condition will become effective on the day after the issue of this waste disposal licence on its transition into a waste management licence).

6.1 REMOVAL OF RESIDUES

On permanent completion of operations the holder shall ensure that:

- i) all stored waste is removed from the site
- ii) the drainage system, oil separators etc, and tank and bunds are emptied of waste and any residues resulting from the activities at the site.

7.0 RECORD KEEPING

7.1 LOG BOOK/RECORDING SYSTEM

7.1.1 A log book/recording system shall be kept at the site control office and used to record Agency inspections, significant incidents and other information required elsewhere in this licence to be so recorded.

7.2 AVAILABILITY OF RECORDS

7.2.1 All records specified in the conditions of this licence shall be made available to the Agency and to any officer of the Agency authorised in writing to enter the site in accordance with section 108 of the 1995 Act as and when required.

7.3 RECORD OF MATERIALS HANDLED

7.3.1 Records of the scrap metal and waste received at or removed from the site shall be kept in such a manner that the following information may be easily extracted for each load:-

- a) the registration number of the vehicle
- b) a description of the type of material (including where available reference to its origin and any supporting specification or analysis)
- c) the quantity of material either by weight in tonnes or by volume in cubic metres and in the case of material removed from the site
- d) the full name and address of the place where the material is deposited which must either be a site where a waste disposal or a waste management licence is in force (the conditions of which authorise the deposit of the waste) or a site which is exempt or excluded by Regulations from the need for a licence.

7.3.2 For each calendar month a summary of the foregoing records shall be made of the total quantities of material received and removed each day. The types of material and the units of quantity recorded shall be the same as those in general use at the

site, such that compliance with the condition entitled Materials, Types and Quantities can be assessed.

7.4 SUBMISSION OF RECORDS TO THE AGENCY

7.4.1 The summary mentioned above, shall be submitted to the Agency annually.

7.4.2 All environmental monitoring results and reports shall be submitted to the Agency within 7 days of receipt by the holder.

WASTE CATEGORY B(ii): GENERAL WASTE THAT IS SCRAP METAL

Ferrous metal in solid, sheet, strip, tube form, swarf, dusts and particulate scrap.

Non-ferrous metal in solid, sheet, strip, or tube form e.g. aluminium, brass, copper, tin, zinc, lead and their alloys.

Manufactured items.

Heavy industrial machinery.

Decontaminated empty metal containers.

Cars/Car bodies.

Lorries/Lorry bodies.

Other vehicles/vehicle bodies.

Engines/gearboxes/axle assemblies, etc.

Domestic appliances.

Light industrial machinery.

Decontaminated transformers.

Industrial and commercial process plant and equipment.

Office furniture and equipment.

Fragmentised metal scrap (ferrous or non-ferrous).

Light ferrous metal.

Light non-ferrous metal.

Unsorted metal scrap.

Ferrous and non-ferrous metal turnings, swarf, granules, dusts or powders.

EXCLUSIONS

Scrap Metal or Wastes mixed or contaminated with hazardous amounts of any noxious, poisonous or polluting substances.

Sludges or liquids.

WASTE CATEGORY E: DIFFICULT WASTES

Machinery

Electrical and electronic components, fittings, fixtures and appliances

Electric cable and wire

Electrical capacitors

Photocopiers

Car fragmentiser wastes

Chlorofluorocarbons (CFCs) - (only where received as coolant within waste appliances).

Tyres (only where received as component parts of cars, lorries and other vehicles)

EXCLUSIONS

Scrap metal or wastes as defined in The Special Waste Regulations 1996 (SI 1996 No. 972) made pursuant to section 62 of the Environmental Protection Act 1990 except that detailed in Category Q in the appendix to this licence.

Contaminated soil or demolition materials unless specifically approved by the Agency.

WASTE CATEGORY Q: LIQUID SPECIAL WASTES

As defined in The Special Waste Regulations 1996 (S.I. 1996 No. 972) made pursuant to Section 62 of the Environmental Protection Act 1990 and listed below.

Lead Acid Batteries.

Motor oils - (only where received as component parts of cars, lorries, and other vehicles).

EXPLANATORY NOTES - RIGHTS OF APPEAL

If you are aggrieved by the decision of the Agency in granting a licence subject to conditions, you may appeal to the Secretary of State in accordance with section 43 of the Environmental Protection Act 1990 and regulations 6 and 7 of The Waste Management Licensing Regulations 1994. Appeals may be notified within 6 months of the date of this licence using a form available from the Planning Inspectorate, Room 10/13, Tollgate House, Houghton Street, Bristol, BS10 9DJ.



**ENVIRONMENT
AGENCY**

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Parkgate Farm Hazardous Waste
Landfill

Hills Waste Solutions Limited
Parkgate Farm
Purton
Swindon
Wiltshire
SN5 4HG

Permit number
NP3934LH

Parkgate Farm Hazardous Waste Landfill

Permit Number NP3934LH

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows:

The landfill site is located approximately 7 km west of Swindon and immediately north of Purton village. The grid reference for the centre of the site is SU 077 887. The north-east boundary of the site is adjacent to the railway line which divides the Parkgate Farm landfill sites from the existing Purton landfill site, which has both a PPC permit and a waste management licence, and is operated by Hills Waste Solutions Limited. Access to Parkgate Farm is from Mopes Lane via the existing Purton landfill site and a bridge over the railway.

Parkgate Farm was originally permitted for non-hazardous waste with asbestos waste monocells under PPC permit BK0418IS. Part of this permit has been surrendered for this hazardous landfill permit. The capacity of the site is approximately 630,000 cubic metres. It is envisaged that the site will last approximately 18 years at a throughput of 50,000 tonnes per year. The waste types will be predominantly contaminated soils and filter cakes.

The site overlies more than 100m of low-permeability Oxford clay and the underlying aquifer is the Kellaway Beds which is believed to be saline. The surrounding land usage generally comprises agricultural fields and the nearest building is a disused farmhouse (Parkgate Farm).

The hazardous landfill will be separated from the non-hazardous landfill by means of a substantial in-situ clay bund, which will be 5m wide at the crest and 100m wide at the base.

Status log of the permit		
Detail	Date	Response Date
Permit application NP3934LH received	19/07/06	Duly Made 03/08/06
Response to request for information	Request dated 27/11/06	Response dated 21/12/06
Permit issued	18/05/07	

End of Introductory Note

Permit

Pollution Prevention and Control (England and Wales) Regulations 2000
Landfill (England and Wales) Regulations 2002

Permit

Permit number

NP3934LH

The Environment Agency (the Agency) in exercise of its powers under regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) and regulation 6 of the Landfill (England and Wales) Regulations 2002 (SI 2002 No.1559) hereby authorises **Hills Waste Solutions Limited** ("the operator"),

whose registered office is

**Allesbury Court
High Street
Marlborough
Wiltshire
SN8 1AA**

Company registration number 00571289

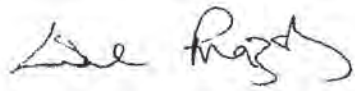
to operate an installation at

**Parkgate Farm Hazardous Waste Landfill
Parkgate Farm
Purton
Swindon
Wiltshire
SN5 4HG**

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

Signed

Date

	18 May 2007
---	-------------

Luke Prazsky, Team Leader Waste Permitting, Bedford Strategic Permitting Group

Authorised to sign on behalf of the Agency

Conditions

1. Management

1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
 - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 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.

1.2 Accidents that may cause pollution

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
 - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
 - (c) make any appropriate changes to the plan identified by a review.

1.3 Finance

- 1.3.1 The financial provision for meeting the obligations under this permit set out in the agreement made between the operator and the Agency dated 18 May 2007 shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by the Agency.
- 1.3.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover all of the following:
- (a) the costs of setting up and operating the landfill;
 - (b) the costs of the financial provision required by condition 1.3.1; and
 - (c) the estimated costs for the closure and aftercare of the landfill.

1.4 Energy efficiency

- 1.4.1 The operator shall:
- (a) Review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and

- (b) Implement any appropriate measures identified by a review.

1.5 Site security

- 1.5.1 Site security measures shall prevent unauthorised access to the site, as far as practicable.

2. Operations

2.1 Permitted activities

- 2.1.1 The operator is 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 red on the site plan at schedule 2 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.

2.4 Off-site conditions

There are no conditions in this permit to which regulation 12(12) of the PPC Regulations apply.

2.5 Improvement programme

There is no improvement programme in this permit.

2.6 Pre-operational conditions

- 2.6.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 have been completed.

2.7 Engineering

- 2.7.1 No construction of any new cell shall commence until the operator has submitted construction proposals and the Agency has confirmed that it is satisfied with the construction proposals.
- 2.7.2 The construction of a new cell 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 Agency.
- 2.7.3 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and the Agency has confirmed that it is satisfied with the CQA Validation Report.
- 2.7.4 No construction of landfill Infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and the Agency has confirmed that it is satisfied with the construction proposals.
- 2.7.5 The construction of the landfill Infrastructure 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 Agency.
- 2.7.6 The operator shall submit a CQA Validation Report as soon as practicable following the construction of the relevant landfill Infrastructure.
- 2.7.7 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.7.4 and 2.7.5 do not apply and the relevant landfill Infrastructure may be constructed, provided that the construction proposals are submitted to the Agency as soon as practicable.
- 2.7.8 For the purposes of conditions 2.7.1, 2.7.3 and 2.7.4, the Agency shall be deemed to be satisfied where it has not, within the period of 4 weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:
 - (a) confirmed whether or not it is satisfied; or
 - (b) informed the operator that it requires further information.

2.8 Waste acceptance

- 2.8.1 Wastes shall only be accepted for disposal if:
 - (a) they are listed in schedule 3, and
 - (b) they are hazardous waste, and
 - (c) they are not liquid waste (including waste waters but excluding sludge), and
 - (d) they are not waste which in the conditions of landfill is explosive, corrosive, oxidising, highly flammable or flammable, and
 - (e) they are not hospital and other clinical infectious wastes from medical or veterinary establishments, and
 - (f) they are not chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown, and
 - (g) all the relevant waste acceptance procedures set out in schedule 1 of the Landfill Regulations have been completed, and
 - (h) they fulfil the relevant waste acceptance criteria, and

- (i) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and
 - (j) they are wastes which have been treated, except for where treatment would not reduce its quantity or the hazards which it poses to human health or the environment.
- 2.8.2 The operator shall visually inspect:
 - (a) without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill; and
 - (b) waste at the point of deposit;and shall satisfy itself that it conforms to the basic characterisation documentation submitted by the holder.
- 2.8.3 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.
- 2.8.4 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.
- 2.8.5 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing ESID4.
- 2.8.6 The quantity of waste that is deposited in the landfill in any year shall not exceed the limits in schedule 1 table S1.4.
- 2.8.7 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of municipal waste and multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.
- 2.8.8 The operator shall maintain and implement a system to record the disposal location of any hazardous waste.

2.9 Leachate levels

- 2.9.1 The limits for the level of leachate listed in schedule 4 table S4.1 shall not be exceeded.

2.10 Closure, aftercare and decommissioning

- 2.10.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.10.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site of operation to a satisfactory state.
- 2.10.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.10.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

2.11 Site protection and monitoring programme

- 2.11.1 The operator shall, within a minimum of 3 months prior to undertaking the relevant activity, submit a Site Protection and Monitoring Programme.
- 2.11.2 The operator shall implement and maintain the Site Protection and Monitoring Programme in relation to all areas which will not comprise permanent deposits of waste and shall carry out and record a review of it at least every 4 years commencing from the date the Site Protection and Monitoring Programme was received.

3. Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 table S4.2.

3.2 Emissions to groundwater

- 3.2.1 There shall be no emission from the activities into groundwater of any substance in List I (as defined by the Groundwater Regulations) contrary to those regulations.
- 3.2.2 There shall be no emission from the activities into groundwater of any substance in List II (as defined in the Groundwater Regulations) so as to cause pollution (as defined in those regulations).
- 3.2.3 The trigger levels for emissions into groundwater for the parameter(s) and monitoring point(s) set out in schedule 4 table S4.3 shall not be exceeded.
- 3.2.4 The operator shall submit to the Agency a review of the Hydrogeological Risk Assessment:
 - (a) between 9 and 6 months prior to the fourth anniversary of the granting of the permit, and
 - (b) between 9 and 6 months prior to every subsequent 4 years after the fourth anniversary of the granting of the permit.

3.3 Fugitive emissions of substances

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.

- 3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.
- 3.3.5 The limits for landfill gas arising from the installation set out in schedule 4, tables S4.4 and S4.5, shall not be exceeded.
- 3.3.6 The limits for particulate matter and asbestos fibres arising from the installation set out in schedule 4, table S4.10, shall not be exceeded.

3.4 Odour

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

3.5 Noise and vibration

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring specified in the following tables in schedule 4 to this permit:
- (a) Leachate specified in tables S4.1 and S4.7;
 - (b) Point source emissions to water specified in table S4.2 ;
 - (c) Groundwater specified in tables S4.3 and S4.9;
 - (d) Landfill gas specified in tables S4.4, S4.5 and S4.6;
 - (e) Surface water specified in tables S4.2 and S4.8;
 - (f) Particulate matter and asbestos specified in table S4.10.
- 3.6.2 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.
- 3.6.3 A topographical survey of the site referenced to ordnance datum shall be carried out:
- (a) annually, and
 - (b) prior to the disposal of waste in any new cell or new development area of the landfill, and
 - (c) following closure of the landfill or part of the landfill.

The topographical survey shall be used to produce a plan of a scale adequate to show the surveyed features of the site.

3.7 Transfers off-site

- 3.7.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

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 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) the results of groundwater monitoring;
 - (ii) the Site Protection and Monitoring Programme;
 - (iii) surface water monitoring;
 - (iv) sub-surface landfill gas monitoring;
 - (v) landfill gas monitoring;
 - (vi) leachate levels, quality and quantities;
 - (vii) waste types and quantities;
 - (viii) the location of hazardous waste deposits; and
 - (ix) the specification and as built drawings of the basal, sidewall and capping engineering systems
- 4.1.2. Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.
- 4.1.3. All records required to be held by this permit shall be held on site or at Wiltshire House, County Park Business Centre, Shrivenham Road, Swindon, Wilts, SN1 2NR and shall be available for inspection by the Agency at any reasonable time. Records shall be available for inspection on site on the next working day following a request by the Agency.

4.2 Reporting

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the 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 this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto;
 - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
 - (c) the energy consumed at the site, reported in the format set out in schedule 5 table S5.3
 - (d) the annual production/treatment set out in schedule 5 table S5.2;
 - (e) details of any contamination or decontamination of the site which has occurred;
 - (f) the topographical surveys required by condition 3.6.3 other than those submitted as part of a CQA validation report;
 - (g) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;
 - (h) an assessment of the settlement behaviour of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;
 - (i) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;
 - (j) the compliance testing undertaken in the period;
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the 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 5 table S5.1;
 - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 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 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.6 The results of reviews and any changes made to the Site Protection and Monitoring Programme shall be reported to the Agency, within 1 month of the review or change.

4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit;
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the permitted activities;
 - (b) as soon as practicable prior to the cessation of the landfill disposal activities, for a period likely to exceed 1 month; and
 - (c) at least 7 days prior to the resumption of the landfill disposal activities after a cessation notified under (b) above.
- 4.3.4 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.5 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.6 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.7 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.8 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
 - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
 - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

Schedule 1 - Operations

Table S1.1 Activities

Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity	Limits of specified activity
Section 5.2 Part A(1) (a) , The disposal of waste in a landfill.	Landfill for hazardous waste (landfill classification under the Landfill Regulations 2002)	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in conditions 2.8, as an integral part of landfilling.
Directly Associated Activity		
Leachate management	Storage of leachate	Leachate arising from the landfill.
Water discharges to controlled waters.	Discharges of site drainage from the landfill via settling ponds to the River Key.	From surface water management system to points of entry to controlled waters.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to questions 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.7, 2.8, 2.9, 2.11 of the Application; Stability Risk Assessment; Landfill Gas Risk Assessment; and Amenity Risk Assessment Excluding the following responses: • B2.2.65 and B2.2.66 (particulate matter monitoring) • B2.2.53 (landfill gas surface emissions monitoring) • Reference to number of external gas monitoring boreholes in ESID Section 2.4.3 and Landfill Gas Risk Assessment Section 3.2	19/07/06
Letter from Land & Mineral Management Ltd to the Agency	Response to request for further information dated 27/11/06 Excluding the following part: • Particulate monitoring plan	27/12/06

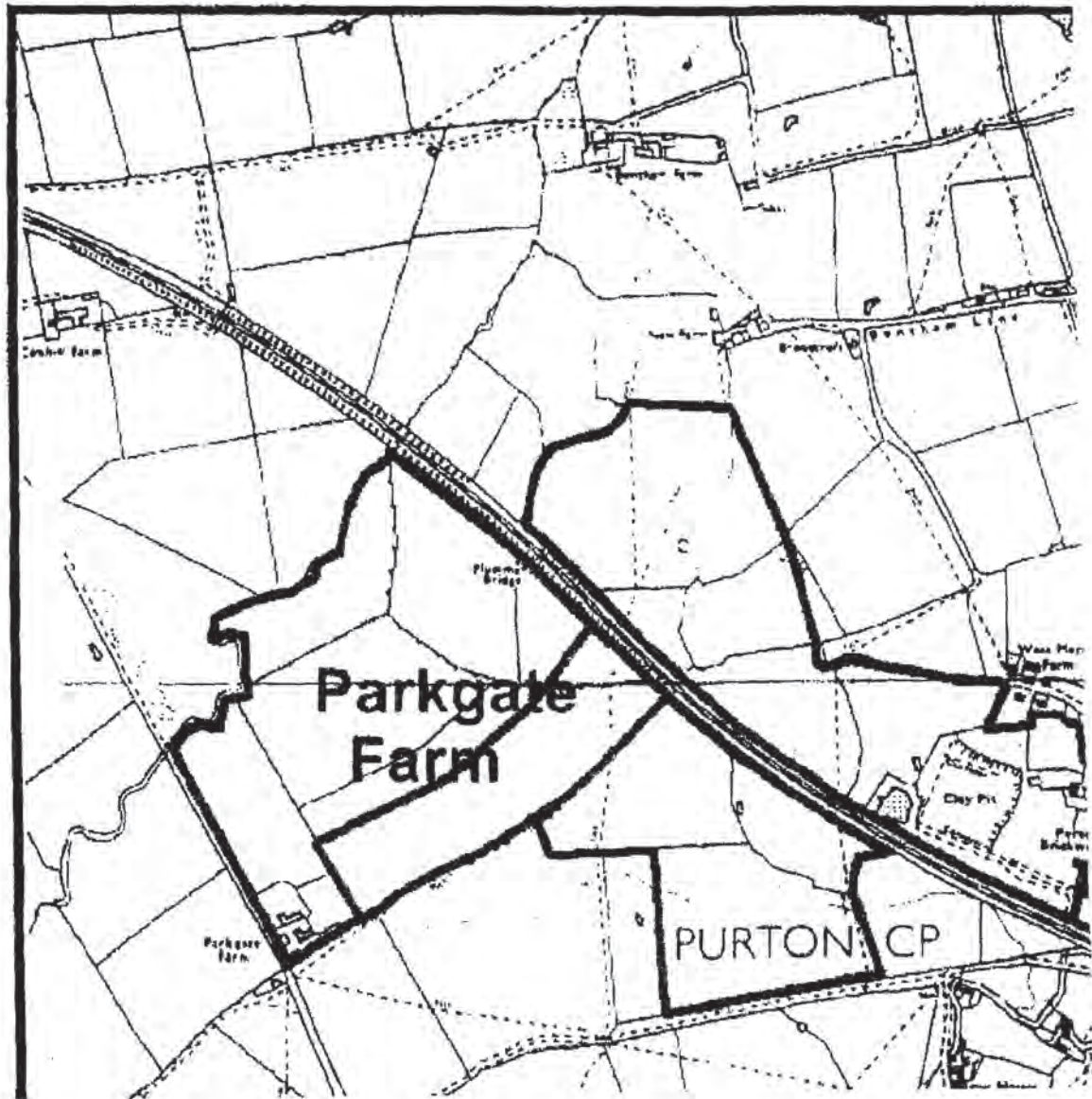
Table S1.3 Pre-operational measures

Reference	Pre-operational Measures
1a	The Operator shall submit in writing to the Agency for approval, a revised monitoring and action plan for particulate matter and asbestos fibres drafted in accordance with the methods described in Agency guidance 'M17 - Monitoring of particulate matter in ambient air around waste facilities'. The plan shall include a monitoring methodology and proposed location of monitoring points.
1b	Following submission of the plan required by improvement condition 1a and immediately following receipt of written approval by the Agency, the Operator shall implement the plan and establish the monitoring points.
1c	The Operator shall subsequently commence monitoring in accordance with Table S4.10 and establish background levels for asbestos fibres.
2a	The Operator shall submit in writing to the Agency, proposals for the installation of an appropriate number of landfill gas monitoring boreholes spaced at a maximum of 150 metres along the eastern, western and southern boundaries of the landfill installation in order to monitor potential off-site emissions of landfill gas. The proposals shall be drafted in accordance with Agency guidance LFTGN03 and subject to CQA approval in accordance with Condition 2.7.4.
2b	Following submission of the proposals required by improvement condition 2a and immediately following receipt of approval by the Agency, the Operator shall establish the landfill gas monitoring points.
2c	The Operator shall subsequently commence monitoring in accordance with Table S4.4.
3	The Operator shall install the groundwater borehole designated M5 located at the south western boundary of the landfill installation as shown on Drawing ESID7 Rev A in order to monitor potential emissions to groundwater. The borehole construction shall be subject to CQA approval in accordance with Condition 2.7.4.
4a	The operator shall establish monitoring location designated D1, construct the associated surface water attenuation pond and the drainage collection ditch along the western edge of the landfill as shown on Drawing ESID11 Rev A.
4b	The Operator shall subsequently commence surface water monitoring at Location D1 in accordance with Tables S4.2 and S4.8.

Table S1.4 Annual waste input limits

Category	Limit Tonnes/ Year
Hazardous waste	50,000
Inert Waste for engineering including cover	5,000

Schedule 2 – Site plan



"Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright 2000. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings."

Schedule 3 - List of permitted wastes

01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
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 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	wastes from the textile industry
04 02 19*	sludges from on-site effluent treatment containing dangerous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 09*	sludges from on-site effluent treatment containing dangerous substances
05 01 15*	Spent filter clays
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 15*	metallic oxides containing heavy metals
06 04	metal containing wastes other than those mentioned in 06 03
06 04 03*	wastes containing arsenic
06 04 04*	wastes containing mercury
06 04 05*	wastes containing heavy metals
06 05	sludges from on-site effluent treatment
06 05 02*	sludges from on-site effluent treatment containing dangerous substances
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 02*	wastes containing dangerous substances
06 07	Wastes from the MFSU of halogens and halogen chemical processes
06 07 01*	wastes containing asbestos from electrolysis
06 08	wastes from the MFSU of silicon and silicon derivatives
06 08 02*	wastes containing dangerous silicones
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 02*	spent activated carbon (except 06 07 02)
06 13 04*	wastes from asbestos processing
06 13 05*	soot
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 09*	halogenated filter cakes and spent absorbents
07 01 10*	other filter cakes and spent absorbents
07 01 11*	sludges from on-site effluent treatment containing dangerous substances
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 09*	halogenated filter cakes and spent absorbents
07 02 10*	other filter cakes and spent absorbents
07 02 11*	sludges from on-site effluent treatment containing dangerous substances

- 07 02 14* Wastes from additives containing dangerous substances
- 07 02 16* wastes containing dangerous silicones

- 07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)**
 - 07 03 09* halogenated filter cakes and spent absorbents
 - 07 03 10* other filter cakes and spent absorbents
 - 07 03 11* sludges from on-site effluent treatment containing dangerous substances

- 07 04 wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides**
 - 07 04 09* halogenated filter cakes and spent absorbents
 - 07 04 10* other filter cakes and spent absorbents
 - 07 04 11* sludges from on-site effluent treatment containing dangerous substances

- 07 05 wastes from the MFSU of pharmaceuticals**
 - 07 05 09* halogenated filter cakes and spent absorbents
 - 07 05 10* other filter cakes and spent absorbents
 - 07 05 11* sludges from on-site effluent treatment containing dangerous substances
 - 07 05 13* solid wastes containing dangerous substances

- 07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics**
 - 07 06 09* halogenated filter cakes and spent absorbents
 - 07 06 10* other filter cakes and spent absorbents

- 07 07 wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
 - 07 07 09* halogenated filter cakes and spent absorbents
 - 07 07 10* other filter cakes and spent absorbents
 - 07 07 11* sludges from on-site effluent treatment containing dangerous substances

- 08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS**
 - 08 01 wastes from MFSU and removal of paint and varnish**
 - 08 01 13* solid wastes containing dangerous substances
 - 08 03 wastes from MFSU of printing inks**
 - 08 03 14* ink sludges containing dangerous substances
 - 08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)**
 - 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
 - 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances

- 09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY**
 - 09 01 wastes from the photographic industry**
 - 09 01 06* wastes containing silver from on-site treatment of photographic wastes
 - 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03

- 10 WASTES FROM THERMAL PROCESSES**
 - 10 01 wastes from power stations and other combustion plants (except 19)**
 - 10 01 04* oil fly ash and boiler dust
 - 10 01 13* fly ash from emulsified hydrocarbons used as fuel
 - 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
 - 10 01 16* fly ash from co-incineration containing dangerous substances
 - 10 01 18* wastes from gas cleaning containing dangerous substances
 - 10 01 20* sludges from on-site effluent treatment containing dangerous substances
 - 10 02 wastes from the iron and steel industry**
 - 10 02 07* solid wastes from gas treatment containing dangerous substances
 - 10 02 11* wastes from cooling-water treatment containing oil
 - 10 02 13* sludges and filter cakes from gas treatment containing dangerous substances
 - 10 03 wastes from aluminium thermal metallurgy**
 - 10 03 04* primary production slags
 - 10 03 19* flue-gas dust containing dangerous substances
 - 10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances
 - 10 03 23* solid wastes from gas treatment containing dangerous substances

- 10 03 25* sludges and filter cakes from gas treatment containing dangerous substances
- 10 03 27* wastes from cooling-water treatment containing oil
- 10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances
- 10 04 wastes from lead thermal metallurgy**
 - 10 04 04* flue-gas dust
 - 10 04 06* solid wastes from gas treatment
 - 10 04 07* sludges and filter cakes from gas treatment
 - 10 04 09* wastes from cooling-water treatment containing oil
- 10 05 wastes from zinc thermal metallurgy**
 - 10 05 03* flue-gas dust
 - 10 05 05* solid waste from gas treatment
 - 10 05 06* sludges and filter cakes from gas treatment
- 10 06 wastes from copper thermal metallurgy**
 - 10 06 03* flue-gas dust
 - 10 06 06* solid wastes from gas treatment
 - 10 06 07* sludges and filter cakes from gas treatment
- 10 08 wastes from other non-ferrous thermal metallurgy**
 - 10 08 08* salt slag from primary and secondary production
 - 10 08 15* flue-gas dust containing dangerous substances
 - 10 08 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
- 10 09 wastes from casting of ferrous pieces**
 - 10 09 09* flue-gas dust containing dangerous substances
 - 10 09 11* other particulates containing dangerous substances
 - 10 09 13* waste binders containing dangerous substances
 - 10 09 15* waste crack-indicating containing dangerous substances
- 10 10 wastes from casting of non-ferrous pieces**
 - 10 10 09* flue-gas dust containing dangerous substances
 - 10 10 11* other particulates containing dangerous substances
 - 10 10 13* waste binders containing dangerous substances
 - 10 10 15* waste crack-indicating agent containing dangerous substances
- 10 11 wastes from manufacture of glass and glass products**
 - 10 11 11* waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
 - 10 11 13* glass-polishing and -grinding sludge containing dangerous substances
 - 10 11 15* solid wastes from flue-gas treatment containing dangerous substances
 - 10 11 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
 - 10 11 19* solid wastes from on-site effluent treatment containing dangerous substances
- 10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products**
 - 10 12 09* solid wastes from gas treatment containing dangerous substances
 - 10 12 11* wastes from glazing containing heavy metals
- 10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them**
 - 10 13 09* wastes from asbestos-cement manufacture containing asbestos
- 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 09* sludges and filter cakes containing dangerous substances
 - 11 02 wastes from non-ferrous hydrometallurgical processes**
 - 11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
 - 11 03 sludges and solids from tempering processes**
 - 11 03 01* wastes containing cyanides
 - 11 05 wastes from hot galvanising processes**
 - 11 05 03* solid wastes from gas treatment

- 11 05 04* spent flux
- 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 14* machining sludges containing dangerous substances
 - 12 01 16* waste blasting material containing dangerous substances
 - 12 01 20* spent grinding bodies and grinding materials containing dangerous substances
- 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 glass packaging
 - 15 01 10* packaging containing residues of or contaminated by dangerous substances
 - 15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos) including empty pressure containers
 - 15 02 absorbents, filter materials, wiping cloths and protective clothing**
 - 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
- 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 07* oil filters
 - 16 01 11* brake pads containing asbestos
 - 16 02 wastes from electrical and electronic equipment**
 - 16 02 12* discarded equipment containing free asbestos
 - 16 02 13* discarded equipment containing hazardous components other than those mentioned in 16 02 09 and 16 02 12
 - 16 03 off-specification batches and unused products excluding waste medicinal products and pharmaceutically active waste materials arising from their manufacture**
 - 16 03 03* inorganic wastes containing dangerous substances
 - 16 06 batteries and accumulators**
 - 16 06 01* lead acid batteries
 - 16 06 02* Ni-Cd batteries
 - 16 06 03* mercury-containing batteries
 - 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 01 concrete, bricks, tiles and ceramics**
 - 17 01 01 concrete
 - 17 01 02 bricks
 - 17 01 03 tiles and ceramics
 - 17 01 06* mixtures of or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
 - 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 glass
 - 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 03* coal tar and tarred products

- 17 04 metals (including their alloys)**
- 17 04 09* Metal waste contaminated with dangerous substances
- 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 07* Track ballast containing dangerous substances
- 17 06 insulation materials and asbestos-containing construction materials**
- 17 06 01* insulation materials containing asbestos
- 17 06 03* other insulation materials consisting of or containing dangerous substances
- 17 06 05* construction materials containing asbestos
- 17 08 gypsum-based construction material**
- 17 08 01* gypsum-based construction materials contaminated with dangerous substances
- 17 09 other construction and demolition wastes**
- 17 09 01* construction and demolition wastes containing mercury
- 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 06* chemicals consisting of or containing dangerous substances
- 18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals**
- 18 02 05* chemicals consisting of or containing dangerous substances
- 19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
- 19 01 wastes from incineration or pyrolysis of waste**
- 19 01 05* filter cake from gas treatment
- 19 01 07* solid wastes from gas treatment
- 19 01 10* Spent activated carbon from flue-gas treatment
- 19 01 11* bottom ash and slag containing dangerous substances
- 19 01 13* fly ash containing dangerous substances
- 19 01 15* boiler dust containing dangerous substances
- 19 01 17* pyrolysis wastes containing dangerous substances
- 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 11* other wastes containing dangerous substances
- 19 04 vitrified waste and wastes from vitrification**
- 19 04 02* fly ash and other flue-gas treatment wastes
- 19 04 03* Non-vitrified solid phase
- 19 08 wastes from waste water treatment plants not otherwise specified**
- 19 08 06* saturated or spent ion exchange resins
- 19 08 07* solutions and sludges from regeneration of ion exchangers
- 19 08 08* membrane system waste containing heavy metals
- 19 08 11* sludges containing dangerous substances from biological treatment of industrial waste water
- 19 08 13* sludges containing dangerous substances from other treatment of industrial waste water
- 19 10 wastes from shredding of metal-containing wastes**
- 19 10 05* other fractions containing dangerous substances
- 19 11 wastes from oil regeneration**
- 19 11 01* spent filter clays
- 19 11 07* wastes from flue-gas cleaning
- 19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
- 19 12 05 glass

- 19 12 06* wood containing dangerous substances
- 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 wastes from soil remediation containing dangerous substances
- 19 13 03* sludges from soil remediation containing dangerous substances
- 19 13 05* sludges from groundwater remediation containing dangerous substances

- 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 glass
- 20 01 21* fluorescent tubes and other mercury-containing waste
- 20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
- 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 37* Wood containing dangerous substances

- 20 02 garden and park wastes (including cemetery waste)**
- 20 02 02 soil and stones

Schedule 4 – Emissions and monitoring

Table S4.1 Leachate level limits and monitoring requirements

Monitoring point reference/ Description	Limit	Monitoring frequency	Monitoring method
Leachate extraction wells L1x - L9x, leachate monitoring wells L1a - L9a and L1b - L9b as shown on drawing ESID7 Rev A entitled 'Leachate Management'	3 metres above cell base (top of basal artificial sealing liner).	Monthly	Dip meter

Table S4.2 Point source emissions to water (other than sewer) – emission limits and monitoring requirements

Emission point Ref. & Location	Parameter	Source	Limit (incl unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
Surface water discharge points D1 and D2 to River Key as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Suspended Solids	Surface Water Drainage	50 mg/l	Spot Sample	Monthly	In accordance with Environment Agency Guidance LFTGN02 Monitoring Landfill Leachate, Groundwater and Surface Water.
	pH	Surface Water Drainage	>5 and <9 pH units	Spot sample	Monthly	
	Ammoniacal Nitrogen	Surface Water Drainage	1.36 mg/l	Spot sample	Monthly	
	Chloride	Surface Water Drainage	134 mg/l	Spot sample	Quarterly	
	Cadmium	Surface Water Drainage	0.008 mg/l	Spot sample	Quarterly	
	Nickel	Surface Water Drainage	0.026 mg/l	Spot sample	Quarterly	
	Chromium	Surface Water Drainage	0.017 mg/l	Spot sample	Quarterly	
	Zinc	Surface Water Drainage	20mg/l	Spot sample	Quarterly	

Table S4.3 Trigger levels for emissions into groundwater and monitoring requirements

Monitoring point reference	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Groundwater monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Ammoniacal Nitrogen	0.39 mg/l	Spot sample	Monthly	In accordance with Environment Agency Guidance LFTGN02 Monitoring Landfill Leachate, Groundwater and Surface Water.
	Chloride	250 mg/l	Spot sample	Quarterly	
	Chromium	50 ug/l	Spot sample	Quarterly	
	Nickel	20 ug/l	Spot sample	Quarterly	
	Cadmium	0.1 ug/l	Spot sample	Quarterly	
	Mercury	0.01 ug/l	Spot sample	Quarterly	
	Endrin	0.003 ug/l	Spot sample	Annually	

Table S4.4 Landfill gas in external monitoring boreholes – limits and monitoring requirements

Monitoring point Ref. /description	Parameter	Limit (including units)	Monitoring frequency	Monitoring standard or method
Gas monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement' and any additional peripheral landfill gas monitoring boreholes installed under References 2a and 2b table S1.3	Methane	1 %v/v	Monthly	In accordance with Environment Agency Guidance LFTGN03 Guidance on the Management of Landfill Gas.
	Carbon Dioxide	1.5 %v/v		
	Oxygen	no limit		
	Atmospheric pressure	no limit		

Table S4.5 Landfill gas from capped surfaces - monitoring requirements

Monitoring point Ref. /description	Parameter	Monitoring frequency	Other specifications	Monitoring Standard or method
Permanently capped zone	Average Methane flux	Annually	Where a rate of 0.001 mg/m ² /second is exceeded appropriate measures must be taken to reduce the rate.	As per LFTGN 07 or as otherwise agreed in writing by the Agency*.
Temporarily capped zone	Average Methane flux	Annually	Where a rate of 0.1 mg/m ² /second is exceeded appropriate measures must be taken to reduce the rate.	As per LFTGN 07 or as otherwise agreed in writing by the Agency*.

Footnote * If a cap has previously been shown compliant and there have been no significant physical changes in the gas management during the year, a detailed walkover survey can be used to demonstrate that the surface emissions are under control. If this survey shows no change in the pattern of methane emission, it may be used as the annual survey. The values for flux and total methane emissions measured in the previous year may be reported and a fresh flux box survey is not necessary. If the zone remains stable, the results of a full walkover survey may be accepted as the site report for a period of four years before a further quantitative flux box survey is required.

Table S4.6 Landfill gas – other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Gas monitoring wells L1a - L9a and L1b - L9b as shown on drawing ESID7 Rev A entitled 'Leachate Management'	Methane	Monthly	In accordance with Environment Agency Guidance LFTGN03 Guidance on the Management of Landfill Gas.	
	Carbon Dioxide			
	Oxygen			
	Atmospheric pressure			
	Differential pressure			
	Temperature			

Table S4.7 Leachate– other monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Leachate extraction wells L1x - L9x as shown on drawing ESID7 Rev A entitled 'Leachate Management'	Temperature,	Monthly		
	pH,			
	Electrical conductivity			
	Ammoniacal nitrogen			
	TON,			
	TOC			
	BOD			
	COD			
	Calcium	Quarterly	In accordance with Environment Agency Guidance LFTGN02 Monitoring Landfill Leachate, Groundwater and Surface Water.	
	Magnesium			
	Sodium			
	Alkalinity			
	Sulphate			
	Chloride			
	Iron			
	Manganese			
	Cadmium			
	Chromium			
	Copper			
	Nickel			
	Lead			
	Zinc			
	Mercury			
	Fluorides,	Annually		
	Phenols,			
	Mineral Oils			
	Endrin			
	List 1 suite			

Table S4.8 Surface water – other monitoring requirements

Emission point reference or source or description of point of measurement as shown on Drawing ESID7	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Surface water monitoring points S1, S2, US and DS as shown on drawing ESID11 Rev A entitled 'Surface water management and monitoring general arrangement'	Temperature	Monthly		
	Dissolved oxygen			
	pH			
	Electrical conductivity			
	Suspended solids			
	Ammoniacal nitrogen			
	Alkalinity	Quarterly		In accordance with Environment Agency Guidance LFTGN02
	Cadmium			Monitoring Landfill Leachate, Groundwater and Surface Water,
	Chloride			
	Chromium			
	Nickel			
	Zinc			
	Phenols	Annually		
Surface water discharge points D1 and D2 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Mineral Oils			
	Temperature	Monthly		
	Dissolved oxygen			
	Electrical conductivity			
	Alkalinity,	Quarterly		
	Phenols	Annually		
	Mineral Oils			

Table S4.9 Groundwater – routine monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Groundwater monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Water level,	Monthly	In accordance with Environment Agency Guidance LFTGN02	
	Temperature			
	Dissolved oxygen			
	PH			
	Electrical conductivity			
	Ammoniacal nitrogen			
	TON(oxidised-N)			
	TOC			
	BOD			
	COD			
	Calcium	Quarterly	Monitoring Landfill Leachate, Groundwater and Surface Water.	
	Magnesium			
	Sodium			
	Potassium			
	Alkalinity			
	Sulphate			
	Iron			
	Manganese			
	Copper			
	Lead			
	Zinc			
	Fluorides	Annually		
	Phenols			
	Mineral Oils			
	List I suite			

Table S4.10 Particulate matter and Asbestos fibres in ambient air - limits and monitoring requirements

Monitoring Point Ref. /Description	Parameter	Limit (Including Unit)	Reference Period	Monitoring Frequency	Monitoring Standard or Method
As detailed in the Particulate and Asbestos Fibres Monitoring Plan submitted in accordance with Pre-Operational Condition 1a	Total inhaleable dust	250 ug/m3	8-hour mean	Six-Monthly	EA Guidance document M17
As detailed in the Particulate and Asbestos Fibres Monitoring Plan submitted in accordance with Pre-Operational Condition 1a	Particulates PM ₁₀	50 µg/m ³	24 hour mean	Six-Monthly	EA Guidance document M17
As detailed in the Particulate and Asbestos Fibres Monitoring Plan submitted in accordance with Pre-Operational Condition 1a	Asbestos fibres	0.01 fibres/ml above background*	4 hour total	Six-Monthly	EA Guidance document M17

* Background levels for asbestos fibres to be agreed in accordance with Condition 1c, Table S1.3

Schedule 5 - Reporting

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

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Leachate levels As required by condition 3.6.1 and Table S4.1	Leachate extraction wells L1x - L9x, leachate monitoring wells L1a - L9a and L1b - L9b as shown on drawing ESID7 Rev A entitled 'Leachate Management'	Quarterly	DD/MM/07
Point-source emissions to water Parameters as required by condition 3.6.1 and Table S4.2	Surface water discharge points D1 and D2 to River Key as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Quarterly	DD/MM/07
Groundwater Parameters as required by condition 3.6.1 and Table S4.3	Groundwater monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Quarterly	DD/MM/07
Landfill gas surface emissions Parameters as required by condition 3.6.1 and Table S4.5	Cells 1 to 9 following capping	Annually	DD/MM/07
Particulate matter and asbestos fibres Parameters as required by condition 3.6.1 and Table S4.10	As detailed in the Particulate and Asbestos Fibres Monitoring Plan submitted in accordance with Pre-Operational Condition 1a	Every 6 months	DD/MM/07
Landfill gas lateral migration Parameters as required by condition 3.6.1 and Table S4.4	Gas monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement' and any additional peripheral landfill gas monitoring boreholes installed under References 2a and 2b table S1.3	Quarterly	DD/MM/07
Other Landfill gas monitoring Parameters as required by condition 3.6.1 and Table S4.6	Gas monitoring wells L1a - L9a and L1b - L9b as shown on drawing ESID7 Rev A entitled 'Leachate Management'	Quarterly	DD/MM/07
Other leachate monitoring Parameters as required by condition 3.6.1 and Table S4.7	Leachate extraction wells L1x - L9x as shown on drawing ESID7 Rev A entitled 'Leachate Management'	Quarterly	DD/MM/07
Other groundwater monitoring Parameters as required by condition 3.6.1 and Table S4.9	Groundwater monitoring boreholes M2, M3 and M5 as shown on drawing ESID11 Rev A entitled 'Surface Water Management and Monitoring General Arrangement'	Quarterly	DD/MM/07
Other surface water monitoring Parameters as required by condition 3.6.1 and Table S4.8	Surface water monitoring points S1, S2, US and DS Surface water monitoring points S1, S2, US and DS and Surface water discharge points D1 and D2 as shown on drawing ESID11 Rev A entitled 'Surface water management and monitoring general arrangement'	Quarterly	DD/MM/07

Table S5.2: Annual production/treatment	
Leachate: Disposed of off site; Disposed of to any onsite effluent treatment plant; Recirculated into the waste mass.	Cubic metres/year
Surface water and/ or groundwater: Disposed of off site; Disposed of to any onsite effluent treatment plant.	Cubic metres/year
Landfill gas: combustion in flares; combustion in gas engines; Other methods of gas utilisation.	Normalised cubic metres/year

Table S5.3 Performance Parameters			
Parameter	Frequency of assessment	Annual total	Unit
Energy used (including for leachate treatment)	Annually		MWh of electricity

Table S5.4 Reporting Forms		
Media/parameter	Reporting Format	Date of Form
Leachate	Form leachate 1 or other reporting format to be agreed in writing with the Agency	
Air	Form Air 1 or other reporting format to be agreed in writing with the Agency	
Controlled water	Form Water 1 or other reporting format to be agreed in writing with the Agency	
Groundwater	Form Groundwater 1 or other reporting format to be agreed in writing with the Agency	
Sewer	Form Sewer 1 or other reporting format to be agreed in writing with the Agency	
Landfill gas	Form LFG 1 or other reporting format to be agreed in writing with the Agency	
Particulate matter	Form Particulate 1 or other reporting format to be agreed in writing with the Agency	
Waste Return	RATS 2E Waste Return Form	
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with the Agency	

Schedule 6 - Notification

This page outlines 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 PPC Regulations.

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission 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 supplied 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 installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Hills Waste Solutions Limited

Schedule 7 - Interpretation

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

"Annually" means once every Year.

"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 4 to the PPC Regulations

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

"Background concentration" means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site; or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge; or
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site.

"Construction Proposals" means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the New Cell or Landfill Infrastructure.

"CQA Validation Report" means the final "as built" construction and engineering details of the New Cell or of the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;
- "As-built" plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the New Cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

"Fugitive emission" means an emission to air, water or land from the activities which is not controlled by an emission or background concentration limit.

"Groundwater Regulations" means the Groundwater Regulations SI 1998 No. 2746, and words and expressions used in this permit which are also used in the Regulations shall have the same meanings as in those Regulations.

"Landfill Infrastructure" means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;
- landfill gas monitoring boreholes;
- landfill gas management systems;

within the site.

"Landfill Regulations" means the Landfill (England and Wales) Regulations SI 2002 No. 1559, and words and expressions used in this permit which are also used in the Regulations shall have the same meanings as in those Regulations.

"Land Protection Guidance" means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: Application site report and site protection monitoring programme".

"Liquids" means any liquid other than leachate within the engineered landfill containment system.

"LFTGN 05" means Environment Agency Guidance for monitoring enclosed landfill gas flares, September 2004.

"LFTGN 08" means Environment Agency Guidance for monitoring landfill gas engines, September 2004.

"New Cell" means any new cell, part of a cell or other similar new area of the site where waste deposit is to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- barriers;

- liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the New Cell.

"No impact" means that the change made to the construction process will not alter the agreed design criteria, specification or performance in a way that has a negative effect.

"notify without delay" and "notified without delay" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"PPC Regulations" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

"Relevant person" and "relevant conviction" shall have the meanings given to them in the Environmental Protection Act 1990

"Review of the Hydrogeological Risk Assessment" means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the Groundwater Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the permit continue to meet the requirements of the Groundwater Regulations

"Site Protection and Monitoring Programme" means a document which meets the requirements for Site Protection and Monitoring Programmes described in the Land Protection Guidance.

"Technically competent management" and "technical competence" shall have the meanings given to them in the Environmental Protection Act 1990.

"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, List of Wastes (Northern Ireland) Regulations 2005 (as amended), or The Special Waste Amendment (Scotland) Regulations 2004 as appropriate, and in relation to hazardous waste, includes the asterisk

"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 the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

END OF PERMIT

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Mick George Limited

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

Variation application number

EPR/EP3492SP/V007

Permit number

EPR/EP3492SP

Mepal Soil and Waste Treatment Centre

Permit number EPR/EP3492SP

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

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

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

The schedules specify the changes made to the permit.

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

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

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

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/EP3492SP

Issued to

Mick George Limited (“the operator”)

whose registered office is

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

company registration number 02417831

to operate a regulated facility at

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

to the extent set out in the schedules.

The notice shall take effect from 12/02/2019

Name	Date
Philip Lamb	12/02/2019

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/EP3492SP

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

Mick George Limited ("the operator"),

whose registered office is

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

company registration number 02417831

to operate an installation at

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

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

Name	Date
Philip Lamb	12/02/2019

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

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

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

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

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3, S2.4 and S2.5; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
 - (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

3.4.2 The operator shall:

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

3.5 Monitoring

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

- (a) point source emissions specified in tables S3.1 and S3.2; and
- (b) process monitoring specified in table S3.3;

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

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

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

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

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

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

4.2 Reporting

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

4.2.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR7, a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

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

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

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

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

4.4 Interpretation

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

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.3 A(1)(a)(i)	Bioremediation of hazardous waste Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). D8: Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Bioremediation process for hazardous waste recovery. No liquid wastes are permitted. Hazardous waste types and quantities as specified within table S2.4.
AR2	S5.4 A(1)(b)(i)	Bioremediation of non-hazardous waste Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	Bioremediation process for non-hazardous waste recovery. No liquid wastes are permitted. Non-hazardous waste types and quantities as specified within table S2.4.
AR3	S5.3 A(1)(a)(ii)	Physical treatment of hazardous waste - Stabilisation Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12.	Stabilisation process for hazardous waste disposal. Hazardous waste types and quantities as specified within table S2.3.
AR4	S5.4 A(1)(a)(ii)	Physical treatment of non-	Stabilisation process for non-

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

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

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

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

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

Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted waste types and quantities for soil washing (AR5 and AR12)	
Maximum Quantities	
The total quantity of waste accepted at the site shall be a maximum of 250,000 tonnes a year.	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
Wastes containing treated wood;	
Wood-preserving agents or other biocides;	
Japanese Knotweed;	
Wastes consisting solely or mainly of dusts, powders or loose fibres;	
Waste liquids;	
Odorous wastes;	
Waste containing asbestos;	
Wastes with hazard codes HP1, HP2, HP3, HP9, HP12, HP15;	
Waste containing persistent organic pollutants (POPs).	
Waste Code	Description
01	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 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 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 24	sands from fluidised beds

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

Table S2.2 Permitted waste types and quantities for soil washing (AR5 and AR12)	
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	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 hazardous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	sludges from soil remediation containing hazardous substances
19 13 05*	sludges from groundwater remediation containing hazardous substances
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
20 02 03	other non-biodegradable waste

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

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

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

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

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

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

Schedule 3 – Emissions and monitoring

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

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

ER Table S3.3 Process monitoring requirements					
Emission point reference or source or description of point of measurement	Parameter	Limit	Monitoring frequency	Monitoring standard or method	Other specifications
Sampling points M1, M2, M3 and M4 as shown on plan Asbestos Treatment Building Plan 208-Building Rev.2 Air testing within the building for the duration of the asbestos hand picking works.	Asbestos fibres	Where total fibre concentration exceeds 0.01 fibres/ml in any sample, that sample must be submitted for electron microscopy to confirm the concentration of asbestos fibres present.	During asbestos hand picking works ^{NOTE 2} 1 hour at 8 l/min or 2 hours at 4 l/min	In line with M17 monitoring guidance While asbestos is being treated. • Pumped sampling • 1 m above ground level • Minimum sample volume = 480 litres at variable rates • Filter pore size = 0.8-1.2 µm Asbestos fibre limit of detection = 0.001 fibres/ml	--
	20 m downwind of asbestos building	Asbestos Fibres	Monthly 1 hour at 8 l/min or 2 hours at 4 l/min	In line with M17 monitoring guidance While asbestos is being treated. • Pumped sampling • 1 m above ground level • Minimum sample volume = 480 litres at variable rates • Filter pore size = 0.8-1.2 µm Asbestos fibre limit of detection = 0.001 fibres/ml	--
	50 m upwind of asbestos building				
	Site boundary downwind of asbestos building				
SW1 Sealed Drainage Tank as shown on plan Asbestos Treatment Building Plan 208-Building Rev.2.	Asbestos fibres	Where process water from the tank is reused on site total fibre concentration must be less than 0.001 fibres/ml	Monthly	In line with M17 monitoring guidance Asbestos fibre limit of detection = 0.001 fibres/ml	--
Internal for each windrow during bioremediation and stabilisation stage	Temperature °C		None specified	Temperature probe	
	Moisture		None specified	Not specified	
Internal for each windrow during stabilisation stage	pH range		Continuous	Not specified	
NOTE 2: Monitoring frequency may be reduced to a frequency agreed in writing by the Environment Agency after 6 months of continuous monitoring.					

Schedule 4 – Reporting

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

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

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

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
Air	Form air 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	05/02/2019
Waste Return	E-waste Return Form	-

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

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

Part B – to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No. 1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

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

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

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

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

“Pests” means Birds, Vermin and Insects.

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

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

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

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

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

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables 2.2, 2.3, 2.4 and 2.5, for those tables, they have the meaning given below:

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

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

“PCBs” means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane;
- any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

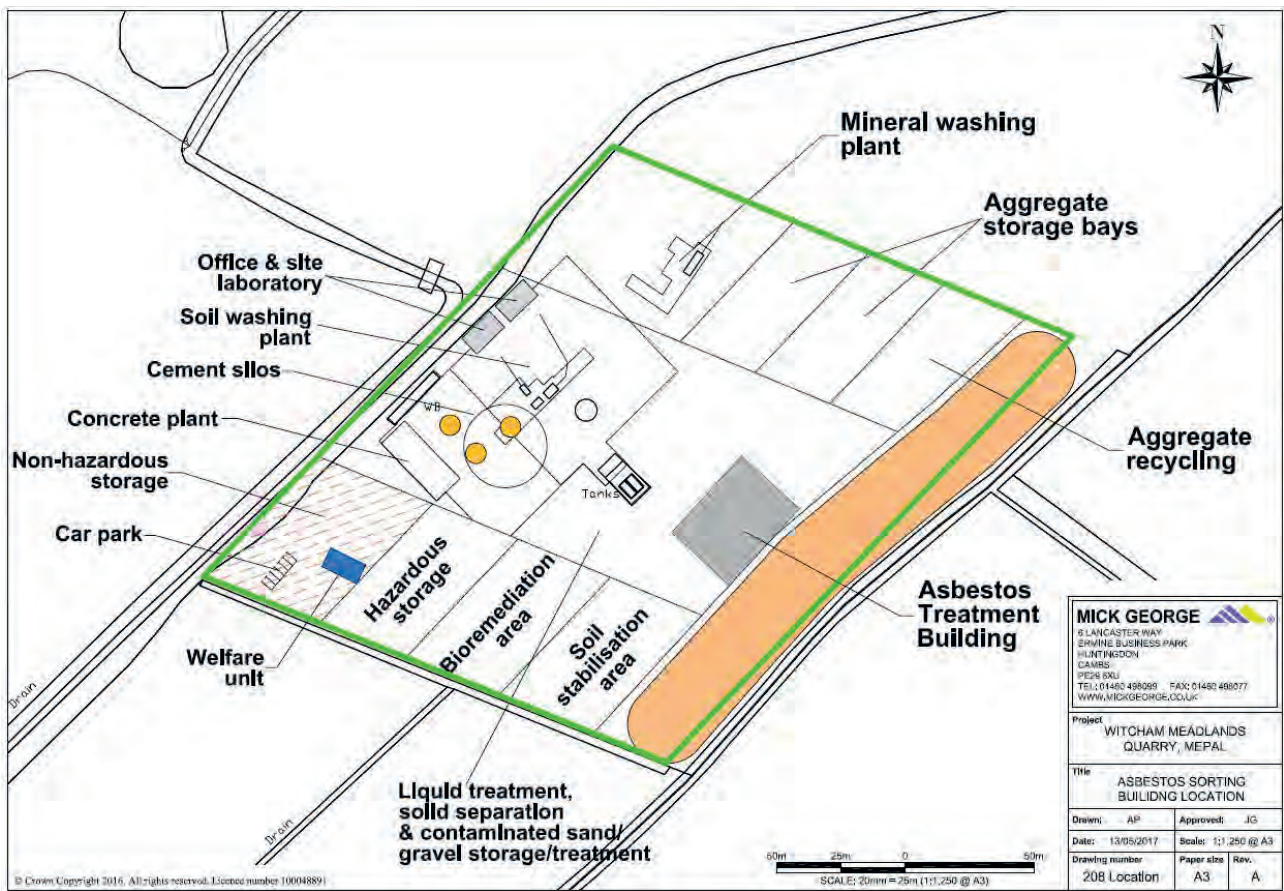
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

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

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

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

Schedule 7 – Site plan



© Crown Copyright. All rights reserved. Environment Agency, 100024198, 2018.

END OF PERMIT

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

M Collard Waste Management
Services Ltd

M Collard Waste Management
Services Ltd
128 Cardiff Road
Reading
Berkshire
RG1 8PQ

Variation notice number
EPR/EP3893VZ/V002

Permit number
EPR/ EP3893VZ

M Collard Waste Management Services Ltd

Permit number EPR/EP3893VZ/V002

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility

This variation deletes all conditions of the permit for a Material Recycling Facility and replaces them with a permit and conditions for a Household Commercial and Industrial waste Transfer Station with Treatment.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

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

Status Log of the permit

Detail	Date	Response Date
Application EPR/EP3893VZ/A001	Duly made 07/09/09	
Permit determined EPR/ EP3893VZ	11/02/2010	
Application EPR/ EP3893VZ /V002	05/05/2010	
Variation issued	09/07/2010	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2010

Permit number

EPR/EP3893VZ

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the permit as set out below.

M Collard Waste Management Services Ltd ("the operator"),

whose registered office is

9 Doman Road
Yorktown Industrial Estate
Camberley
Surrey
GU15 3DF

company registration number 03901957

holds a permit to operate *a regulated facility* at

M Collard Waste Management Services Ltd
128 Cardiff Road
Reading
Berkshire
RG1 8PQ

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from 09/07/2010

Name	Date
	09/07/2010

Jane McNamara

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended

All references to SR2008No14 75 kte are replaced with SR2008No3 75 kte

Schedule 3 – conditions to be added

None

Schedule 4 – amended plan

No change

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

R. Collard Limited

Eversley Haulage Park
Fleet Road
Eversley
Hampshire
RG27 8ED

Variation application number
EPR/QP3490EA/V002

Permit number
EPR/QP3490EA

Eversley Haulage Park

Permit number EPR/QP3490EA

Introductory note

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

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

This variation is to extend the permit boundary to incorporate the additional areas of land known as Units 1, 3 and 5 and to add additional waste types to be accepted under the permit. The permit boundary is to be extended to enable additional infrastructure including a waste reception building, site control office and weighbridge to be constructed. The permit will also be updated into modern conditions.

The Schedules specify the changes made to the original permit.

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

Status Log of permit		
Detail	Date	Response Date
Application EAWML 83582	Duly made 03/05/2005	Application for a Material Recycling Facility.
Permit determined EAWML 83582	10/03/2006	Permit issued to R. Collard Limited.
Variation application EPR/QP3490EA/V002	Duly made 31/05/2011	Application to vary and update the permit to modern conditions.
Additional information received	05/10/2011	Amended Noise Management Plan
Additional information received	24/11/2011	Amended Noise Management Plan (Final Version)
Variation determined EPR/QP3490EA	08/12/2011	

End of introductory note

Notice of variation

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

Permit number
EPR/QP3490EA

issued to:
R. Collard Limited ("the operator")

whose registered office is

Victoria House
Farnborough
Hampshire
GU14 7PG

company registration number **03002310**

to operate a regulated facility at

Eversley Haulage Park
Fleet Road
Eversley
Hampshire
RG27 8ED

to the extent set out in the schedules.

The notice shall take effect from 08/12/2011

Name	Date
Clare Palmer Clark	08/12/2011

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

The following conditions are deleted as a result of the application made by the operator

All conditions and schedules are deleted.

Schedule 2 – conditions to be amended

None.

Schedule 3 – conditions to be added

The following conditions as a result of the application made by the operator

As listed below.

Conditions

1 Management

1.1 General management

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

1.2 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.

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 specified in schedule 1, table S1.2 or otherwise required under this permit, 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 and S2.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

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 (BATRRRT).
- 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 > 25mm, 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.

Hazardous waste storage and treatment

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