

Notice of variation with introductory note

**The Environmental Permitting (England & Wales) Regulations
2010**

J Simpson Waste Management Ltd
Horn Lane WTS
307 Horn Lane
Acton
London
W3 0BP

Variation application number

EPR/BB3801SN/V004

Permit number

EPR/BB3801SN

Horn Lane WTS

Permit number EPR/BB3801SN

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

The schedules specify the changes made to the original permit.

This Environment Agency initiated variation allows the operator to carry out a 12 month trial of mechanical treatment with associated limits and monitoring requirements and amends the storage requirements.

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
Licence issued DL043	30/11/93	Licence issued to Shanks and McEwan (Southern) Limited.
Licence modified GTL SHA011/DL043	07/11/95	Changes to various conditions.
Licence modified GTL SHA011/ EAWML 80060	11/02/99	Modification to add the keeping of special waste.
Transfer of EAWML 80060 issued	22/03/04	Licence transferred to Bridgemarts Limited.
Modification of EAWML 80060 issued	22/03/04	Changes to various conditions and waste codes.
Modification of EAWML 80060 issued	22/06/06	Full licence update

Status log of the permit		
Description	Date	Comments
Agency initiated variation determined EPR/WP3196NE/V004 (previously EAWML 80060)	07/04/11	Amend errors in previous version, add PM10 monitoring requirement and reduce annual throughput.
Agency initiated variation determined EPR/WP3196NE/V005	10/04/14	Variation to introduce maximum storage quantities and reduce annual throughput
Transfer determined EPR/BB3801SN/T001 (Full transfer of permit EPR/WP3196NE)	15/07/14	Full transfer of permit to J Simpson Waste Management Ltd.
Agency initiated variation determined EPR/BB3801SN/V002	04/03/15	Variation to the specified waste management operations table to clarify that waste treatment is restricted to manual treatment only.
Agency initiated variation and consolidation determined EPR/BB3801SN/V003	01/04/15	Variation to the specified waste management operations table by way of removing the wording added under the previous Agency initiated variation
Agency initiated variation and consolidation determined EPR/BB3801SN/V004	05/10/15	Variation to add a 12 month trial for mechanical treatment with associated limits and monitoring and amend the storage limits.

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

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

Permit number

EPR/BB3801SN

Issued to

J Simpson Waste Management Ltd ("the operator")

whose registered office is

**7-11 Minerva Road
London
NW10 6HJ**

company registration number 08833977

to operate a regulated facility at

**Horn Lane WTS
307 Horn Lane
Acton
London
W3 0BP**

to the extent set out in the schedules.

The notice shall take effect from 02/10/2015

Name	Date
Stephen Copley	05/10/2015

Authorised on behalf of the Environment Agency

Schedule 1

Only conditions 6.0, table 1.1.1 have been varied by the consolidated permit EPR/BB3801SN as a result of an Environment Agency initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/BB3801SN

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BB3801SN/V004 authorising,

J Simpson Waste Management Ltd ("the operator"),

whose registered office is

**7-11 Minerva Road
London
NW10 6HJ**

company registration number 08833977

to operate waste operations at

**Horn Lane WTS
307 Horn Lane
Acton
London
W3 0BP**

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

Name	Date
Stephen Copley	05/10/2015

Authorised on behalf of the Environment Agency

General considerations

1.1 **Specified waste management operations**

1.1.1 No waste management operations shall be authorised by this permit unless:

- a** specified in and undertaken in accordance with the limitations in the following table; or
- b** otherwise required by the conditions of this permit as being an integral part of those operations;

Table 1.1.1 Specified waste management operations

Specified Waste Management Operation	Limits on Specified Waste Management Operations
D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on site where it is produced)	Only to be carried out inside the building shown on drawing GP/WTS/A/2 or any subsequent revision agreed in writing by the Environment Agency. Waste shall be stored to a maximum height of 5m. The walls around the building must be marked using a painted line. Waste must not be stored above this line.
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)	There shall be no tipping or storing of waste within 1m of the front of the inside of the building. Waste types as specified in table 1.1.4.
D9: Physico-chemical treatment not specified elsewhere in this annex which results in final compounds or mixtures which are discarded by means of the operations numbered D1 to D8 and D10 to D12	Only to be carried out inside the building shown on drawing GP/WTS/A/2 or any subsequent revision agreed in writing by the Environment Agency. Waste types as specified in table 1.1.4.
R2: Solvent reclamation/regeneration	Physical treatment involving manual and mechanical sorting/ separation, screening, shredding of non-hazardous waste for disposal (no more than 50 tonnes per day) or recovery. Mechanical treatment shall only be undertaken in accordance with condition 6.0
R3: Recycling/reclamation of organic substances which are not used as solvents	
R4: Recycling/reclamation of metals and metal compounds	There shall be no treating of waste within 1m of the front of the inside of the building.
R5: Recycling/reclamation of other inorganic compounds	

Specified Waste Management Operations and Exempt Waste Management Operations

1.1.2 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 1994 Regulations, then the wastes which are subject to the specified waste management operations shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.1.3 Permitted wastes

Permitted categories and types of wastes

1.1.4 No wastes other than those, which are categorised below in Table 1.1.4 shall be accepted on site.

Table 1.1.4 Permitted types of waste	
Waste code	Description
02	Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 10	wastes metal
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionary industry
02 06 01	materials unsuitable for consumption or processing
03	Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard
03 01	wastes from wood processing and the production of panels and furniture
03 01 05	sawdust, shavings, cuttings, wood, particle board, and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 08	wastes from sorting of paper and cardboard destined for recycling
10	Wastes from Thermal Processes
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramic, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	waste concrete and concrete sludge
15	Waste packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter material, wiping cloths, protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14 16 06 and 16 08)

Table 1.1.4 Permitted types of waste	
Waste code	Description
16 01 03	end of life tyres
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
17	Construction and Demolition Wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 03
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction material
17 08 02	gypsum-based construction material other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	Wastes from Waste Management Facilities, Off-site Waste Water Treatment Plants and the Preparation of Water Intended for Human Consumption and Water for Industrial Use
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fractions of animal and vegetable wastes
19 05 03	off-specification compost
19 10	wastes from the shredding of metal-containing wastes
19 10 06	other fractions other than those mentioned in 19 10 05

Table 1.1.4 Permitted types of waste	
Waste code	Description
19 12	waste from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park waste (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

Permitted quantities of wastes

1.1.5 The total quantity of waste accepted at the site per year shall not exceed 17,000 tonnes.

Exclusion of wastes with other specified characteristics

- 1.1.6 Notwithstanding the specification of permitted waste types under conditions 1.1.4 and 1.1.5 above, wastes shall not be accepted at the site which have any of the following characteristics:

Table 1.1.6. Excluded wastes of specified form and type

Waste Characteristic	Type
Form and type:	Powders
	Sludges
	Liquids
Properties	Odour producing
	Dust producing

1.2 **Hours of operation**

Waste shall not be received or handled at the facility except during following times;

Mondays to Friday	0700 hours until 17:30 hours
Saturdays	0700 hours until 1200 hours
Sundays and Public Holidays	No Operations

1.3 **Staffing and understanding of requirements of licence conditions and working plan.**

Minimum staffing and supervision

- 1.3.1 Whenever the site is open to receive or dispatch wastes, or is carrying out any of the specified waste management treatment or disposal operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence regarding:
- a** waste acceptance and control procedures;
 - b** operational controls and environmental monitoring;
 - c** maintenance;
 - d** record-keeping;
 - e** emergency action plans;
 - f** notifications to the Agency.

Availability of licence and working plan

- 1.3.2 A copy of this licence and the working plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence and working plan

- 1.3.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions which are relevant to their specific duties.

Attendance of Technically Competent Persons

- 1.3.4 Attendance of the technically competent person(s) at the site shall be recorded in the site diary on arrival and departure.

1.4 Changes in technically competent persons

- 1.4.1 Any changes in the technically competent management of the site and the name of any incoming person [together with evidence that such person has the required technical competence] shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations.

1.5 Relevant convictions

Notification of relevant convictions

- 1.5.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.5.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided.

1.6 Amendments to working plan and supporting information

Amendments to working plan requiring prior consent from the Agency

- 1.6.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to these sections of the working plan which are specified in Table 1.6.1 below and to any appendices, drawings and figures which are referenced in those sections.

Table 1.6.1 Sections of the working plan requiring prior consent for amendments

Number and Heading of Working Plan Sections And Appendices	Sections, Subsections and Appendices requiring Prior consent for Amendments
All	All

- 1.6.2 The notice shall be accompanied by a copy of the proposed changes, and by a written assessment of the effect that implementing the proposed change to the working plan would have on the risk posed by the site to human health and the environment.
- 1.6.3 The Licence Holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency, when required by the Agency in writing.
- 1.6.4 The proposed change to the working plan shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change, and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that section.

Amendments to the working plan requiring prior notification to the Agency

- 1.6.5 Except where it is specified under condition 1.6.1 above that the amendment of specified sections of the working plan requires the prior consent of the Agency, the Licence Holder shall give the Agency not less than 7 days prior written notice of any change to the working plan and to any appendices, drawings and figures which are referenced from those sections.
- 1.6.6 The notice shall be accompanied by a copy of the specified changes.
- 1.6.7 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.6.8 Such changes to the working plan shall be deemed to be incorporated in the working plan and implemented on the date specified to the Agency in the amendment notification.

1.7 Notification of change of operator's or holder's details

- 1.7.1 The following information shall be notified in writing within 5 working days to the Agency:
- i any change in the Licence Holder's trading name, registered name or registered office address;
 - ii any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);

1.8 **Notification of preparatory works**

- 1.8.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

1.9 **Notification of commencement, cessation and recommencement of waste storage operations**

Cessation and recommencement of specified waste management operations

- 1.9.1 In the event that the site ceases receiving wastes for longer than 7 days then within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of recommencement. In the event that it is intended that the site shall recommence receiving wastes sooner than the notified date then the Licence Holder shall give the Agency not less than 7 days prior notice in writing.

1.10 **Notifications and submissions to Agency**

- 1.10.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:

- a** shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
- b** shall quote the licence reference number and the name of the Licence Holder.

2 Site engineering for pollution prevention and control

2.1 Engineering site containment and drainage systems

Provision and maintenance of site containment and drainage systems

- 2.1.1 From the 9th June 2006 no waste (or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations) shall be deposited, stored, treated or otherwise handled in any newly constructed area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition and the working plan and the following documents:

Drawing number GP/WTS/A/2 (Scale 1:200 and dated March 2005), or any subsequent revision agreed in writing with the Environment Agency, clearly showing:-

- a) Layout areas of hard standing
- b) Layout areas of impermeable pavement; and
- c) Layout of drainage systems, including details of following, where provided,
 - i) Kerbing
 - ii) Interceptors
 - iii) Discharge points
 - iv) Sumps
 - v) Sealed drainage
 - vi) Isolation systems
- d) Location and layout of covered buildings and roofed areas, where provided;
- e) Location and design of fixed tanks – above ground and underground – where provided, with layouts of bunds and impermeable pavements or other engineered secondary containment;
- f) Location and layout of storage areas for drums and other mobile tanks and containers holding potentially polluting of hazardous wastes in liquid, sludge or powder form with layout of silled or bunded areas and impermeable pavements.

- 2.1.2 The engineered site containment and drainage systems shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose and meet the standards specified in Table 2.1.2 below.

Table 2.1.2 Site containment and drainage standards

Type of site containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Hardstanding	Construction of the hardstanding should be to an engineered standard appropriate to the materials that will be handled on it, the processes used and the machinery involved

Type of site containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Impermeable pavement, bunding and sills	The construction should be to an engineering standard appropriate to the materials handled on it and the processes to be used; The transmission of fluids through the pavements or joints should be prevented; A description of methods and procedures by, and standards to, which areas of impermeable pavement will be maintained
Drainage systems	In addition to normal sewerage requirements, all areas of the site which have the potential for rainwater to come into contact with controlled waste shall be engineered to a suitable standard, so that it is discharged to the foul sewer network. Roof water and other clean water should be kept physically separate and discharged to the surface water systems. The two sewer networks will be physically marked to clearly identify themselves and copies of all drainage drawings must be kept on site at all times.

Construction quality assurance of new site containment and drainage systems

2.1.3

From 9th June 2006 no wastes shall be deposited, stored, treated or otherwise handled in any area (or any fixed tank) for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition unless:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with the other requirements of this condition;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and has been acknowledged in writing by the Agency.

Site infrastructure

3.1 Provision of site identification board

3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.

3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.

3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

- a** Site name and address;
- b** Licence Holder name (company name, not individual name unless justified as necessary);
- c** Operator name (company name, not individual name unless justified as necessary);
- d** Licence number;
- e** Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f** Statement that the site is licensed by the Environment Agency;
- g** Agency national numbers: General Enquiries 08708 506506 and Emergency Contact 0800 807060 (or any other number subsequently notified in writing by the Agency);
- h** Days and hours site is open to receive waste.

The location of the noticeboard should be such that is clear and it does not designate areas outside of the licensed site and does not encourage illegal tipping

3.2 Site security

3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans, and livestock, which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the following table

Table 3.2.1 Site security system standards

Site security system	Specified standards
Timetable of provision	For the entire subsistence of this waste management licence
Design standards	Unless otherwise agreed in writing by the Agency, this shall consist of a chainlink security fence at least 1.8 metres high around the perimeter of the site, which shall meet the standards specified in British Standard BS1722 or an agreed alternative, and shall have a lockable gate to at least the same height and standard at the site access.

Table 3.2.1 Site security system standards

Site security system	Specified standards
Operational standards	The site shall be kept closed and secure at all times when unattended.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 3 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.

Site operations

4.1 Control of mud and debris

Prevention of mud and debris on road

- 4.1.1 Whenever the site is receiving or despatching wastes, suitable measures shall be provided, operated and maintained in good working order with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.
- 4.1.2 All road vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary using suitable equipment and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud and debris on road

- 4.1.3 In the event that mud, debris or waste arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately:

4.2 Potentially polluting leaks and spillages of waste.

Potentially polluting leaks and spillages from vehicles, plant and equipment

- 4.2.1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations].

Potentially polluting leaks and spillages from fixed tanks.

- 4.2.2 Each tank used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations] shall be:
- a** Loaded and unloaded in accordance with specified filling and emptying procedures;
 - b** Clearly and unambiguously labelled regarding its contents;
 - c** Provided with means for measuring the quantity of material and the void space in the tank, which shall be maintained and calibrated as specified;
 - d** Monitored for the quantity of material and void space and the monitoring measurements recorded;
 - e** Inspected and maintained according to the specified schedules and procedures, which shall be fully documented and recorded;

- f** In the event of damage or deterioration to a tank that is, or is likely to cause a leak, that tank shall be repaired immediately.

and these actions shall be carried out in accordance with the standards specified in Table 4.2.5 below

Potentially polluting leaks and spillages from drums and other mobile containers

- 4.2.3 Each drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations] shall be:

- a** Loaded and unloaded in accordance with specified handling procedures;
- b** Filled and emptied in accordance with the specified filling and emptying procedures;
- c** Clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- d** inspected and maintained according to the specified schedules and procedures, which shall be fully documented and recorded;
- e** in the event of damage or deterioration to a tank that is, or is likely to cause a leak, that tank shall be repaired immediately.

and these actions shall be carried out in accordance with the working plan and the standards specified in Table 4.2.5 below

Control and remediation of leaks and spillages

- 4.2.4 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.2.5 below and the working plan.

Leak and spillage action plan

- 4.2.5 In the event of any leak or spillage which may compromise the effectiveness of the pollution control regime and which is either is leading or may imminently lead to pollution of the environment, harm to human health or serious detriment of the amenities of the locality, a Leak and Spillage Action Plan shall be implemented immediately and recorded, in accordance with the working plan and the standards specified in Table 4.2.5 below;

Table 4.2.5 Standards for prevention and control of leaks and spillages

Action	Specified standards
Filling and emptying tanks and drums	A member of staff shall supervise the filling and emptying of all tanks and drums
Measurement of level and/or Void space in tanks.	This shall be carried out before any delivery and weekly to check the integrity of the tank or drum
Inspection, maintenance and repair of tanks	All tanks shall be inspected no less frequently than yearly by an appropriate qualified engineer. The objective of which shall be to check the integrity and prevent failure of containment.

Table 4.2.5 Standards for prevention and control of leaks and spillages

Action	Specified standards
Loading and unloading drums and other mobile containers	A member of staff shall supervise the loading and unloading of all drums and mobile containers.
Filling and emptying drums and other mobile containers	A member of staff shall supervise the filling and emptying of all drums and mobile containers
Measurement of level and/or Void space in drums and other mobile containers	This shall be carried out before any delivery and weekly to check the integrity of the drums and mobile containers.
Inspection, maintenance and repair of drums and other mobile containers	All drums shall be inspected no less frequently than weekly and recorded in the site diary. The objective of which shall be to check the integrity and prevent failure of containment.
Control and remediation of leaks and spillages	(a) In the event of damage or deterioration being detected to any drum or other tank or container that is causing, or is likely to cause a leak, that drum or other mobile tank or container shall be repaired or replaced immediately (b) In the event of damage or deterioration to any fixed tank that is, or is likely to cause, a leak that, tank shall be repaired or emptied of waste immediately.

4.3 Fires on the site

Prohibition of fires on site

- 4.3.1 No wastes shall be burned on the site.

Fire action plan

- 4.3.2 In the event of a fire on the site a fire action plan shall be implemented immediately and recorded in accordance with the working plan.

4.4 Waste acceptance and control procedures

Waste acceptance procedures

- 4.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with the standards specified in Table 4.4.4 below.

Waste control procedures

- 4.4.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with the standards specified in Table 4.4.4 below.

Waste despatch procedures

- 4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with the standards specified in Table 4.4.4 below;

Incompatible wastes

- 4.4.4 Incompatible wastes which are likely, in combination with each other or which other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas, in accordance with the standards specified in table 4.4.4 below;

Table 4.4.4 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
Waste reception	Wastes shall only be received at the site through the site road entrance.
Waste inspection	All waste received at the site shall be inspected on arrival to confirm their description and composition
Waste acceptance and recording	A record of all waste delivered to the site will be made so that the source material can be clearly referenced with any on site analysis carried out prior to its removal and delivery to the site.
Quarantine storage and rejection of wastes	Any waste accepted in error at the site shall be stored in a purpose built containment bay or sealed container for no longer than 4 days. No more than 4.6m ³ shall be stored at one time.
Inspection of waste despatch procedures	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
Incompatible wastes (or other potentially polluting materials which are used in combination with those wastes in the specified waste management operations.)	Incompatible wastes (or other potentially polluting materials which are used in combination with those wastes in the specified waste management operations.) that are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas as specified in the working plan.

4.5 **Waste quantity measurement systems**

Means of measurement

- 4.5.1 All waste accepted at and despatched from the site shall be measured in accordance with either of the following requirements:
- a** The weight of all wastes accepted at and despatched from the site shall be determined by means of a weighbridge
 - b** The weighbridge shall record quantities of wastes in tonnes to an accuracy of 0.01 tonnes;

4.6 **Removal of residual waste from site**

- 4.6.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 7 days, then notwithstanding the operational limits on storage times of wastes specified in other conditions of this licence, the licence holder shall ensure that all waste remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, decontamination of plant, equipment and engineered containment used in the specified waste management operations.

Pollution control, monitoring and reporting

----- No conditions set -----

6.0 Trial programme

- 6.0.1 The operator shall undertake a trial in accordance with the document titled site working plan version 02, 150915 the trial shall not last for more than 12 months although the activities may subsequently continue if authorised under 6.0.7
- 6.0.2 A written record must be made of the make and model of equipment used in the trial and the dates and times it is operated.
- 6.0.3 In accordance with the document approved in condition 6.0.1 the operator shall stop the trial immediately on written notice from the Environment Agency that the trial is giving rise to significant pollution.
- 6.0.4 In the event that the trial is stopped by the Environment Agency, the trial may recommence in accordance with the written approval of the Environment Agency.
- 6.0.5 The operator shall undertake PM₁₀ monitoring in accordance with sites Emissions Management Plan (Dust and Particulates) version 1 issued 150915, A summary of monitoring data shall be submitted to the Environment Agency on a monthly basis. This shall be received no later than 10 days after the end of the calendar month to which the data refers. The summary record of the data will be in a format agreed in writing with the Environment Agency.
- 6.0.6 The operator shall review and document the trial progress with the Environment Agency at 3 monthly intervals. The 3 monthly reviews will include an assessment of the PM₁₀ emissions data for the trial period in comparison to the 12 month period prior to the trial commencing, provided in accordance with condition 6.1.3 of the permit.
- 6.0.7 Within 30 days of the end of the trial the operator must submit a report setting out the results of the monitoring carried out in accordance with the document approved in condition 6.0.1 for assessment by the Environment Agency. If the Environment Agency confirms in writing it is satisfied that the results of the trial show there is no significant pollution of the environment or harm to human health the use of mechanical treatment may continue in accordance with the document specified in condition 6.0.1 and any changes to it approved in writing.

6.1 Control, monitoring and reporting of dusts, fibres and particulates

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

6.1.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency

6.1.3 The operator shall unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables;

- a) ambient air monitoring specified in Table 6.1.3.1

Table 6.1.3.1 Ambient air monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At a location agreed in writing with the Environment Agency that will obtain reliable and representative data on PM ₁₀ emissions from the waste management operations	Particulate matter less than 10 millionth of a metre in diameter (PM ₁₀)	5 minute	EN 14907:2005	Monitoring equipment should meet the MCERTS performance standards for indicative Ambient Particulate Monitors (Certification range between 0 to 100ug/m ³ for PM ₁₀) or similar standard agreed in writing with the Environment Agency. The annual calibration standard for monitoring equipment is BS ISO 10155. The system must be managed by suitably trained personnel.

b) Point source emissions specified in Table 6.1.3.2

Table 6.1.3.2 Point source emissions monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
On the exhaust of any subsequently installed air extraction system, at a location agreed in writing with the Environment Agency.	Particulate matter less than 10 millionth of a metre in diameter (PM ₁₀)	Continuous	EN 15267-3 or EN 15859	Use equipment that meets the MCERTS performance standards for indicative Ambient Particulate Monitors (Certification range between 0 to 100ug/m³ for PM₁₀) or similar standard agreed in writing with the Environment Agency. The annual calibration standard for monitoring equipment is BS ISO 10155. The system must be managed and maintained by personnel who hold an MCERTS Personnel Certification or similar standard agreed in writing with the Environment Agency.

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.

Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in tables 6.1.3.1 and 6.1.3.1 unless otherwise agreed in writing by the Environment Agency.

6.1.4 Once the monitoring system referred to in condition 6.1.3 is in place and in the event that any result exceeds in trigger levels agreed then;

- a) The Environment Agency will be notified immediately and confirmed in writing immediately. The written notification will take the format specified in Appendix B.

b) The actions specified in condition 6.1.1 of this permit will be implemented immediately
Works will only commence once the PM₁₀ levels are below the trigger levels again.

Monthly reporting of monitoring data

6.1.5 Once the monitoring system referred to in condition 6.1.4 is in place, a summary record of the monitoring data shall be submitted to the Agency on a monthly basis. This shall be received no later than 10days after the end of the calendar month to which the monitoring data refers. The summary record of the monitoring data will be in a format agreed in writing with the Environment Agency.

6.2 **Control of odours**

6.2.4 Throughout the operational life of the site, measures to monitor, control and minimise the emissions of odours from the site shall be carried out in accordance with the standards specified in Table 6.2.1. Such measures shall prevent releases in such quantities or concentrations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

6.2.2

Table 6.2.1 Standards for monitoring and control of emissions of odours

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out • By the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and • By site staff supervising individual waste handling operations, during the carrying out of those operations
Odorous emissions action plan	On detection or notification of aerial emissions of odour that are or are likely to be transported beyond the site boundary at such levels that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action to be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. The incident and remedial action shall be recorded in the site diary.

6.2.3 All emissions to air from the specified waste management operations on the site shall be free from odours.

6.3 **Control of noise**

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

6.3.2 The operator shall:

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

6.4 **Control of pest infestations**

- 6.4.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of pests on the site, in accordance with the working plan.

6.5 **Control of scavenging birds and other scavengers**

- 6.5.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of scavenging birds and other scavengers on the site, in accordance with the working plan.

6.6 **Control of litter**

- 6.6.1 Measures shall be implemented and maintained throughout the operational life of the site to prevent the escape of litter from the confines of the site.
- 6.6.2 In the event that litter does escape from the site, it shall be retrieved immediately.

7 Site records

7.1 Security and availability of records

Security of records

- 7.1.1 All records which are required to be made under the conditions of this licence shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 7.1.2 below and the working plan.

Availability of records

- 7.1.2 All records which are required to be made under the other conditions of this licence shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

Table 7.1.2 Standards for keeping of site records

Site records	Specified standards
Wastes accepted at the site; Wastes rejected. Wastes despatched from the site; Site diaries.	1. All records shall be stored either: a) on paper in a secure cabinet or cupboard; or b) on computer disc with a back up copy. 2. Records shall be kept for a minimum of two years.

7.2 Records of waste movements

Recording of wastes accepted and removed

- 7.2.1 A record shall be kept of each load of waste accepted and each load of waste removed from the site. This record shall include the following details:
- a** Loads in:- Nature (solid, sludge or liquid), waste type as specified under condition 1.2, quantity (tonnes), date received, date accepted.
 - b** Loads out:- Nature (solid, liquid or sludge), waste type as specified under condition 1.2, quantity of waste removed(tonnes), date removed.

Summary records of wastes accepted and removed

- 7.2.2 A summary record of the waste types and quantities accepted and removed from the site shall be made for each quarter of the financial year and shall be submitted to the Agency within 1 month following the end of that quarter. The summary record shall be in the format detailed in Appendix A and shall include the specified details.

7.3 **Site diary**

7.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence:

- a) Construction work
- b) Maintenance
- c) Breakdowns
- d) Emergencies
- e) Problems with waste received and actions taken
- f) Site inspections and consequent actions carried out by the operator
- g) Technically competent management attendance on site; the date and time onto site and the time left site
- h) Despatch of records to the agency
- i) Severe weather conditions
- j) Complaints about the site operations and actions taken
- k) Environmental problems and remedial actions
- l) Breaches in the PM₁₀ trigger levels for the site

7.3.2 Each record shall be completed within 48 hours of the relevant event.

7.4 **Periodic reporting of environmental performance**

7.4.1 The Licence Holder shall provide the Agency on an annual basis, within 1 month following the end of the financial year, or such other time as is agreed in writing with the agency, a report on the environmental performance of the site, which shall include the following information;

- a) An analysis and review of the environmental monitoring results recorded for the site under these conditions, with an interpretation of the trend of the results against background and trigger levels;
- b) A review of the risk assessment for the site, taking account of the findings under a);
- c) Where changes to the risk assessment are identified under (b), a review of the risk management systems provided for the site.

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

“accepted”

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

“authorised officer of the Agency”

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

“clinical waste”

has the meaning as defined in Regulation 1(2) of the Controlled Waste Regulations 1992 or any statutory provisions amending or replacing them

“consequences”

for **risk assessments** carried out within these conditions, means the adverse effects of harm as a result of realising a **hazard** which causes the quality of human health (other than health and safety of site staff or visitors to the site covered under the Health and Safety at Work Act 1974) or the environment to be impaired in the short or longer term.

“container”

means a container which does not permit either the ingress or egress of liquids, or the escape of dusts or wastes contained within it;

“engineer”

For engineering works specified in these conditions means a person who works in the relevant branch of engineering, as a qualified professional;

“engineered”

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

“engineered landfill containment system”

means all elements (other than leachate and landfill gas management systems, and intermediate and final caps), relating to engineered liners for final disposal to land, and incorporating liners for individual cells and the site as a whole, and including methods of liner protection and leakage detection;

“engineered site containment and drainage system”

means all elements relating to engineered containment of activities on the site, other than final disposal to land, and incorporating site surfacing, bunding and drainage systems, buildings and fixed tank;

“engineering”

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

“engineering survey”

means a survey carried out in accordance with a recognised or approved standards by a suitably qualified, competent person;

"environmental targets or receptors"

for **risk assessments** carried out within these conditions, shall mean identified human and environmental populations or components, as specified in these conditions or otherwise agreed by the Agency within these conditions.

"groundwater"

means any water contained in underground strata;

"hazard"

means a property that in particular circumstances could lead to harm;

"hazardous waste"

has the meaning as defined by regulation 6 of the Hazardous Waste (England and Wales) Regulations 2005 or any statutory provision or regulations amending or replacing them;

"immediately"

for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

"inert waste"

means wastes which disposed of in or on land does not undergo any significant physical, chemical or biological transformation.

"landfill gas management system"

means all elements relating to landfill gas extraction from individual landfill cells and the landfill mass as a whole, and incorporating methods of landfill gas drainage, containment and the subsequent disposal system, whether it be a methane oxidation system, landfill gas flare, landfill gas engine(s) or otherwise, either on or off the site;

"leachate management system"

means all elements relating to leachate extraction from individual landfill cells and the landfill mass as a whole, and incorporating methods of leachate drainage, containment and the subsequent treatment and or disposal system, either on or off the site;

"maintenance"

for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

"MCERTS"

means the Environment Agency's Monitoring Certification Scheme.

"permit"

means the operation of a regulated facility under regulation 13(1);of the Environmental Permitting (England and Wales) Regulations 2010

"PM₁₀"

means suspended particles up to 10um in diameter

"preparatory works"

means engineering works required prior to the carrying out of the activities authorised by the licence

"probability"

means the quantified expression of chance, denoted either as:

- the ratio or percentage of the occurrence of a particular event as one among a number of possible events;
- or as the frequency of occurrence of a particular event in a given period of time;

"received"

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures, including storage of those wastes during those procedures prior to acceptance of the waste;

"release pathways"

for **risk assessments** carried out within these conditions, shall mean the routes by which defined **hazards** may potentially realise their **consequences**, defined in terms of releases or emissions from the site that go beyond the site containment or boundary via one or more of the following routes, either directly or indirectly: **Land; Groundwater, Surface water; Atmosphere;**

"relevant offences"

are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

"risk"

means a combination of the **probability** and **consequences** of occurrence of a defined **hazard**;

"risk assessment"

means the systematic identification, analysis, estimation and evaluation within a defined **scope** of the defined **risks** of a particular activity, operation, process or design, carried out and reported by suitably qualified or competent persons, using recognised quantified or semi-quantified methods and techniques.

Unless otherwise agreed by the Agency within these conditions, a risk assessment shall include and record the following:

- definition of the **hazards** associated with an activity, operation, process or design;
- assessment of the **probability** of those **hazards** occurring;
- determination of the potential **consequences** of those hazards for defined **environmental targets or receptors**, taking into account defined **release pathways** and defined protective measures;
- evaluation of the potential **magnitude** of those consequences and the **probability** of their occurrence;

"scope of risk assessment"

means the boundaries of the **risk assessment** and the **risks** to be assessed within those boundaries, as defined in the conditions or otherwise agreed by the Agency within the conditions;

"special waste"

has the meaning as defined by Regulation 2 of The Special Waste Regulations 1996 or any statutory provisions or regulations amending or replacing them

“specified waste management operations”

means the waste management operations authorised by condition 1.1 of this licence;

“surface water”

means any lake, pond, river or watercourse whether natural or artificial;

“the 1994 Regulations”

means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them.

“the Agency”

means the Environment Agency;

“the Licence Holder”

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

“the operator”

means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

“the site”

means the land, structures, plant and equipment to which this licence relates;

“time periods, e.g. annually, quarterly, monthly, per year, etc. “

Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

“waste”

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

“working plan”

means the working plan identified in writing by the Agency at the time of issue of this licence and any subsequent amendments to it made in accordance with the conditions of this licence

9 Appendix A

9.1 Specified Format of Tonnage Return Form

(see condition 7.2.2)

10 Appendix B

Specified format for reporting breaches in trigger levels for total suspended particulate matter levels

(see condition 6.1.5)