

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Tradebe Healthcare National Limited

Swindon Clinical Waste Transfer and Treatment Facility
2261 Dunbeath Road
Elgin Industrial Estate
Swindon
SN2 8EA

Permit number

EPR/CP3138QD

Swindon Clinical Waste Transfer and Treatment Facility

Permit number EPR/CP3138QD

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The site consists of a healthcare waste transfer and treatment facility at Dunbeath Road, Elgin Industrial Estate, Swindon.

The installation comprises of the treatment of hazardous clinical healthcare wastes and the storage of hazardous waste pending treatment or prior to transfer for disposal or recovery. These activities are described under Schedule 1, Part 2, section 5.3 A(1)(a)(ii) and section 5.6 A(1)(a) of the Environmental Permitting Regulations 2016 (as amended).

The following are directly associated activities to the treatment plant:-

- Gas fired boiler used to generate steam for the process (1.74 MW);
- Washing of re-usable clinical waste containers;
- Storage of raw materials;
- Vehicle washing.

In addition the following waste operations are undertaken:-

- Light compaction of non-hazardous offensive waste;
- The storage of non-hazardous waste pending treatment or transfer prior to disposal or recovery.

The site provides for the reception, segregation, storage and transfer of various waste types, including Clinical Wastes. A restricted range of wastes are permitted to be treated via submission to an Alternative Treatment activity comprising steam treatment, with subsequent shredding of the steam treated wastes.

The waste treatment process is undertaken within a building. Waste is stored in designated storage areas inside the building. All waste is stored in fully enclosed, leak proof containers and the containers are stored on impermeable surfaces with a sealed drainage system.

The treatment plant consists of a shredder, a single chamber rotoclave and pollution abatement equipment. The internal drum of the rotoclave will rotate and steam will be pumped into the chamber at an elevated pressure and temperature until the target temperature has been reached. A combination of heat, moisture and residence time will disinfect the waste. The treated waste is automatically discharged from the rotoclave onto a conveyor belt which takes it to a shredder. The shredded waste material is then subjected to compaction before being taken off site by road in sealed containers. This system will process around 29 tonnes of clinical waste per day.

Off-gases from the rotoclave are cooled in a condenser and the resulting water discharged to foul sewer.

The abatement system from the treatment process comprises of a high efficiency particulate air (HEPA) filter, and a carbon filter bed that in combination are designed to remove any infectious bioaerosols, excess moisture and any residual organic compounds and odours from the off-gases before release to atmosphere.

There are three emission points to air, from the treatment process and the associated gas fired steam boiler, and from the associated shredder hood. There is also an emission to foul sewer arising from the treatment process condensate and container washing process. There are no emissions to surface water from the activities.

The total waste storage capacity for the site is 120 tonnes, of which a maximum of 102 tonnes is for hazardous waste and a maximum of 18 tonnes for non-hazardous waste.

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

Status log of the permit		
Description	Date	Comments
Application EPR/CP3138QD/A001	Duly made 30/09/2019	Application for clinical waste treatment and transfer station.
Schedule 5 notice issued 03/12/2019	20/12/2019	Response to Schedule 5 notice clarifying details of discharge to sewer, details of the foul and surface water drainage systems, details of the noise impact assessment, and the provision of a revised noise management plan, odour management plan and details of on-site waste acceptance and rejection procedures.
Additional information received	16/01/2020	Air Quality Assessment Addendum Report submitted.
Additional information received	20/01/2020	Revised Noise Impact Assessment submitted.
Additional information received	19/03/2020	Confirmation of storage quantities of hazardous and non-hazardous waste.
Additional information received	25/03/2020	Confirmation of offensive waste compaction treatment capacity, repackaging details, and clarification of treatment capacities of hazardous and non-hazardous waste.
Additional information received	01/04/2020	Confirmation of nature of light compaction of offensive waste and treatment capacity of non-hazardous waste.
Permit determined EPR/CP3138QD (PAS Billing ref. CP3138QD, EAWML 405033).	28/04/2020	Permit issued to Tradebe Healthcare National Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/CP3138QD

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

Tradebe Healthcare National Limited (“the operator”),

whose registered office is

Atlas House, Third Avenue

Globe Park

Marlow

Buckinghamshire

SL7 1EY

company registration number 03882534

to operate an installation and waste operations at

Swindon Clinical Waste Transfer and Treatment Facility

2261 Dunbeath Road

Elgin Industrial Estate

Swindon

SN2 8EA

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

Name	Date
Anne Lloyd	28/04/2020

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 AR5) 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 AR5) 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 AR5) 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 red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) 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 and S2.4; 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.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4A have been completed.
- 2.5.2 The operations specified in schedule 1 table S1.4B shall not commence until the measures specified in that table have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 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.

3.3 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.

3.4 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.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2;
 - (b) process monitoring specified in table S3.3;
 - (c) ambient air monitoring specified in table S3.4.
- 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 and S3.2 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.

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
 - (b) implement the fire prevention 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 AR5) 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 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.

4.3.4 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.

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	D9: Physico-chemical treatment of waste. Steam treatment in rotoclave with subsequent shredding and compaction of the waste stream. R3: Recycling/reclamation of organic substances which are not used as solvents	From receipt and segregation of waste to storage and despatch of treated waste. Hazardous waste storage times shall not exceed the following: Treated waste from alternative treatment plant (for example, rotoclave floc): 7 days. No waste types shall be treated other than those hazardous wastes specified in Schedule 2, Table S2.2. No more than 29 tonnes/day of waste shall be treated.
AR2	Section 5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	D15, R13, Storage of hazardous waste.	Storage of hazardous waste prior to steam treatment in rotoclave and/or off-site transfer. The aggregated maximum storage capacity for all waste on site shall not exceed 120 tonnes. The aggregated maximum storage capacity for all hazardous waste on site shall not exceed 102 tonnes at any time. All waste shall be stored inside a building. Anatomical waste shall be stored in a refrigerated unit. Anatomical waste shall be stored for no longer than 14 days. Hazardous waste storage times shall not exceed the following: <ul style="list-style-type: none"> Waste pending treatment on site (activity AR1): 10 days; Waste pending transfer off site: 5 days. Only hazardous waste types as specified in Schedule 2, Table S2.3.
Directly Associated Activity			
AR3	Steam raising boiler	Gas fired steam raising boiler. Net rated thermal input 1.74 MW.	No fuel shall be used other than natural gas.
AR4	Raw material handling and storage	Raw material handling and storage.	From receipt to point of use, including storage.
AR5	Bin washing	Cleaning of empty containers	Washing and disinfection of mobile containers shall only take place in designated areas with impermeable surface and a sealed drainage system.

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	
AR6	D15: Storage pending any of the operations numbered D1 to D14; R13: Storage of waste pending any of the operations numbered R1 to R12; (excluding temporary storage, pending collection, on the site where the waste is produced)	From receipt and segregation of non-hazardous waste to storage and despatch of waste. All waste shall be stored inside a building. Anatomical waste shall be stored in a refrigerated unit. Anatomical waste shall be stored for no longer than 14 days. Non-hazardous waste storage times shall not exceed the following: <ul style="list-style-type: none"> Waste pending treatment on site (activity AR1): 10 days; Waste pending transfer off site: 5 days. The aggregated maximum storage capacity for all waste on site shall not exceed 120 tonnes. No more than 18 tonnes of non-hazardous waste shall be stored on site at any one time. Only non-hazardous waste types as specified in Schedule 2, Table S2.3.	
AR7	D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12. R3: Recycling/reclamation of organic substances which are not used as solvents	Steam treatment in rotoclave with subsequent shredding and compaction of the waste stream of non-hazardous waste (co-treatment with hazardous waste). No more than 10% of the treatment capacity of activity AR1 shall be used for non-hazardous waste treatment at any time (up to a maximum of 2.9 tonnes/day). The aggregated maximum treatment for disposal capacity for all non-hazardous waste on site shall not exceed 6.9 tonnes/day. No non-hazardous waste types shall be submitted to this treatment activity other than those specified in Schedule 2, Table S2.2.	
AR8	D14: Repackaging prior to submission to any of the operations numbered D1 to D13; R12: Exchange of waste for submission to any of the operations numbered R1 to R11.	Light compaction of non-hazardous offensive waste. The aggregated maximum treatment for disposal capacity for all non-hazardous waste on site shall not exceed 6.9 tonnes/day. The maximum treatment capacity of non-hazardous waste through light compaction is 4 tonnes/day. No waste types shall be submitted to this treatment activity other than those specified in Schedule 2, Table S2.4.	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Parts B2, B3 & B4 of the application documents and all referenced associated documents and appendices.	Duly Made 30/09/2019

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to Schedule 5 Notice dated 03/12/2019	Response to request for further information clarifying odour and noise control measures, and waste acceptance and rejection, and receipt of the following documents: Odour Management Plan dated December 2019 Noise Management Plan dated December 2019 Section 7 (on waste acceptance and rejection) of document titled 'Response to Environment Agency Schedule 5 Notice	20/12/2019
Additional information	Response to request for further information, clarifying amount of hazardous and non-hazardous waste stored on site.	19/03/2020
Additional information	Further information with regards to waste types, nature of repackaging of waste, and storage capacities.	25/03/2020
Additional information	Further information with regards to waste storage capacities and nature of light compaction of non-hazardous waste.	01/04/2020

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>A detailed assessment of noise shall be carried out at the facility during normal operations in accordance with BS4142:2014 (Rating industrial noise affecting mixed residential and industrial areas) and BS7445:2003 (Description and measurement of environmental noise), or other methodology as agreed with the Environment Agency, in order to validate the assessment provided within the permit application EPR/CP3138QD/A001.</p> <p>The Noise Impact Assessment should include all information listed in the guidance published at https://www.gov.uk/guidance/noise-impact-assessments-involving-calculations-or-modelling.</p> <p>The assessment shall consider all noise sources at the facility, including static plant and on-site vehicle movements. Where any noise sources are identified as exhibiting tonal contributions, they shall be quantified by means of frequency analysis.</p> <p>The results of the assessment together with conclusions and recommendations shall be submitted to the Environment Agency for approval in writing.</p>	28/10/2020 or otherwise agreed in writing by the Environment Agency
IC2	<p>Following the completion of IC1, if the assessment shows that emissions of noise and vibrations are likely to cause annoyance outside of the site boundary, the operator shall submit to the Environment Agency a report detailing proposals and timescales for the implementation of appropriate noise mitigation measures to ensure that site noise levels are below the background levels.</p> <p>The operator shall also update the site Noise Management Plan to ensure it is consistent with the proposals for noise mitigation and that it is a suitable tool for control of noise.</p> <p>The proposals for noise mitigation shall be in accordance with the requirements of the Environment Agency's Technical Guidance Note IPPC H3 Part 2. The proposals shall be implemented by the operator from the date of approval in writing by the Environment Agency subject to any such amendments or additions as notified by the Environment Agency.</p>	Within one month following completion of IC1

Table S1.4A Pre-operational measures	
Reference	Pre-operational measures
PO1	<p>The operator shall submit a written site commissioning validation report to the Environment Agency for approval, that demonstrates:</p> <ul style="list-style-type: none"> (i) the treatment efficacy of the waste facility, in accordance with the appropriate measures in Sections 2.1, 2.3 and Annex 1 of the sector guidance note for Clinical Waste EPR 5.07; (ii) the proposals for routine monitoring of treatment efficacy that comply with the appropriate measures in section 3.2 and Annex 2 of the sector guidance note for Clinical Waste EPR 5.07; (iii) the installation's emissions, in accordance with the appropriate measures in Section 3.3 and Annex 3 of the sector guidance note for Clinical Waste EPR 5.07; (iv) the proposals for routine monitoring of emissions comply with the appropriate measures in section 3.3 and Annex 3 of the sector guidance note for Clinical Waste EPR 5.07. <p>The treatment process (AR1) shall not be made operational until the Environment Agency has given prior written approval under this condition.</p>

Table S1.4B Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO2	<p>Thermal treatment of 18 01 01, 18 01 02, 18 01 04, 18 02 01, 18 02 03 wastes specified in Table S2.2.</p>	<p>A written justification for the treatment shall be submitted to the Environment Agency for approval. As a minimum, the justification shall take into account the principles specified in sections 2.1 and 2.3 of the sector guidance note for Clinical Waste EPR 5.07. The justification should address whether the treatment of the waste:</p> <ul style="list-style-type: none"> • is effective, including validation of the process using worst case scenario conditions; • is an efficient use of energy and raw materials; • impedes waste recovery or recycling; • compromises the treatment of any hazardous waste; • has an effect on emissions from the activity. <p>18 01 01, 18 01 02, 18 01 04, 18 02 01, 18 02 03 wastes specified in Table S2.2 shall not be accepted for treatment unless the Environment Agency has given prior written approval under this condition.</p>

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
-	-

Maximum quantity	<p>The total quantity of wastes accepted at the site shall not exceed 12,000 tonnes per year.</p> <p>Maximum treatment capacity shall not exceed 29 tonnes/day.</p> <p>No more than 10% of the treatment capacity shall be used for non-hazardous waste treatment at any time (up to a maximum 2.9 tonnes/day).</p> <p>Hazardous wastes restricted to hazard property HP9 only.</p> <p>18 01 01, 18 01 02, 18 01 04, 18 02 01, 18 02 03 wastes shall not be accepted for treatment unless the Environment Agency has given prior written approval under condition PO2 in Table S1.4B.</p>
Waste code	Description
18	Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01 ^{1,2}	sharps (except 18 01 03)
18 01 02 ^{1,2}	blood bags and blood preserves only (except 18 01 03)
18 01 03* ¹	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 01 04 ^{1,2}	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01 ^{1,2}	sharps (except 18 02 02)
18 02 02* ¹	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 02 03 ^{1,2}	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
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 99 ¹	other fractions not otherwise specified (comprising only of separately collected fractions of municipal clinical waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is subject to special requirements in order to prevent infection).

Table S2.2 Permitted waste types and quantities for treatment in rotoclaves and subsequent shredding and compaction (activities AR1 and AR7)	
Maximum quantity	<p>The total quantity of wastes accepted at the site shall not exceed 12,000 tonnes per year.</p> <p>Maximum treatment capacity shall not exceed 29 tonnes/day.</p> <p>No more than 10% of the treatment capacity shall be used for non-hazardous waste treatment at any time (up to a maximum 2.9 tonnes/day).</p> <p>Hazardous wastes restricted to hazard property HP9 only.</p> <p>18 01 01, 18 01 02, 18 01 04, 18 02 01, 18 02 03 wastes shall not be accepted for treatment unless the Environment Agency has given prior written approval under condition PO2 in Table S1.4B.</p>
Waste code	Description
<p>¹ Note: In addition, the following wastes are specifically excluded from waste treatment activities:</p> <ul style="list-style-type: none"> (i) Any waste containing waste medicines and chemicals, waste contaminated with cytotoxic and cytostatic medicines, anatomical waste (identifiable human or animal tissue arising from healthcare), or Dental amalgam; (ii) Sharps boxes containing any of the excluded wastes from (i) and (iii) or Sharps that are contaminated with pharmaceuticals in any quantity (including syringes that are fully discharged, partially discharged or undischarged); (iii) Biohazard waste: Any waste known or likely to contain ACDP Hazard Group 4 biological agents; Any waste from a containment level 3 laboratory; and All Microbiological cultures from any source, and, any potentially infected waste from pathology departments and other clinical or research laboratories (Unless autoclaved before leaving the site of production). <p>² Note: These entries are limited to those wastes that are not described, packaged, labelled or transported as infectious or clinical wastes.</p>	

Table S2.3 Permitted waste types and quantities for waste storage (activities AR2 and AR6)	
Maximum quantity	<p>The total quantity of wastes accepted at the site shall not exceed 12,000 tonnes per year.</p> <p>The aggregated maximum storage capacity for all waste on site shall not exceed 120 tonnes.</p> <p>No more than 102 tonnes of hazardous waste shall be stored on site at any one time.</p> <p>No more than 18 tonnes of non-hazardous waste shall be stored on site at any one time.</p> <p>Hazardous wastes restricted to hazard properties HP3, HP4, HP5, HP6, HP7, HP8, HP9, HP10, HP11, H13 and H14 only.</p>
Waste code	Description
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 10*	packaging containing residues of or contaminated by hazardous substances
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 hazardous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing hazardous substances

Table S2.3 Permitted waste types and quantities for waste storage (activities AR2 and AR6)	
Maximum quantity	<p>The total quantity of wastes accepted at the site shall not exceed 12,000 tonnes per year.</p> <p>The aggregated maximum storage capacity for all waste on site shall not exceed 120 tonnes.</p> <p>No more than 102 tonnes of hazardous waste shall be stored on site at any one time.</p> <p>No more than 18 tonnes of non-hazardous waste shall be stored on site at any one time.</p> <p>Hazardous wastes restricted to hazard properties HP3, HP4, HP5, HP6, HP7, HP8, HP9, HP10, HP11, H13 and H14 only.</p>
Waste code	Description
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing hazardous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
18	Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01	sharps (except 18 01 03)
18 01 02	body parts and organs including blood bags and blood preserves (except 18 01 03)
18 01 03*	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 01 06*	chemicals consisting of or containing hazardous substances
18 01 07	chemicals other than those mentioned in 18 01 06
18 01 08*	cytotoxic and cytostatic medicines
18 01 09	medicines other than those mentioned in 18 01 08
18 01 10*	amalgam waste from dental care
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01	sharps (except 18 02 02)
18 02 02*	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 05*	chemicals consisting of or containing hazardous substances
18 02 06	chemicals other than those mentioned in 18 02 05
18 02 07*	cytotoxic and cytostatic medicines
18 02 08	medicines other than those mentioned in 18 02 07
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09

Table S2.3 Permitted waste types and quantities for waste storage (activities AR2 and AR6)	
Maximum quantity	<p>The total quantity of wastes accepted at the site shall not exceed 12,000 tonnes per year.</p> <p>The aggregated maximum storage capacity for all waste on site shall not exceed 120 tonnes.</p> <p>No more than 102 tonnes of hazardous waste shall be stored on site at any one time.</p> <p>No more than 18 tonnes of non-hazardous waste shall be stored on site at any one time.</p> <p>Hazardous wastes restricted to hazard properties HP3, HP4, HP5, HP6, HP7, HP8, HP9, HP10, HP11, H13 and H14 only.</p>
Waste code	Description
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
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 19*	pesticides
20 01 29*	detergents containing hazardous substances
20 01 31*	cytotoxic and cytostatic medicines
20 01 32	medicines other than those mentioned in 20 01 31
20 01 99	other fractions not otherwise specified (comprising only of non-clinical human and animal offensive/hygiene waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is subject to special requirements in order to prevent infection).

Table S2.4 Permitted waste types for offensive waste compaction (activity AR8)	
Maximum quantity	Maximum treatment capacity shall not exceed 4 tonnes/day.
Waste code	Description
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 04 ¹	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
¹ Note: These entries are limited to those wastes that are not described, packaged, labelled or transported as infectious or clinical wastes.	

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 Boiler, point 3 on Emissions points plan submitted 28/06/2019	Gas-fired boiler exhaust	No parameters set	No limit set	-	-	Permanent sampling access not required
A2 Shredder hood extraction, point 2 on Emissions points plan submitted 28/06/2019	Shredder hood	Bacillus Spores	1000Cfu/cubic metre ¹	-	Annually	To be agreed with the Environment Agency with EPR5.07
A3 Rotoclave, extraction point 1 on Emissions point plan submitted 28/06/2019	Rotoclave	Bacillus Spores	1000Cfu/cubic metre ¹	-	Annually	To be agreed with the Environment Agency with EPR5.07

Note 1: These units relate to the overall monitoring period so the cfu benchmark applies to each individual sample of air or water to be taken, with a calculation made to report the results per cubic metre or litre. These are based on a seeding dose of 1×10^6 spores per gram of waste load, and would need to be adjusted if the seed dose were higher or lower.

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 Point 4 on the emissions point plan submitted 28/06/2019	Condensate from Steam treatment and condensers; and Effluent from Boiler blowdown, Bin washing, Cleaning, and Offices and amenities	Bacillus Spores (spiked organisms)	300 cfu ¹ per litre	-	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A	In accordance with the sector guidance note for Clinical Waste EPR 5.07.
S2 Point 5 on the emissions point plan	Effluent from yard and car park run-off; and vehicle washing, via interceptor	No parameters set	No limit set	-	-	-

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
submitted 28/06/2019						
¹ Note: These benchmarks are indicative only, and will be reviewed periodically.						

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Steam treatment of waste in autoclaves with subsequent maceration	Treatment efficacy (routine monitoring)	-	-	In accordance with guidance in Annex 2 of the sector guidance note for Clinical Waste EPR 5.07.

Table S3.4 Fugitive bioaerosol emissions monitoring (spiked organisms)				
Emission point ref. & location	Parameter	Limit (incl. unit)	Monitoring frequency	Monitoring standard or method
Air – sample points <10 m from the treatment plant	Bacillus Spores	1,000 cfu per cubic metre ¹	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A	In accordance with the sector guidance note for Clinical Waste EPR 5.07.
Air – sample points >10 m from the treatment plant	Bacillus Spores	300 cfu per cubic metre ¹	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A	In accordance with the sector guidance note for Clinical Waste EPR 5.07.
Surface – sample point <10 m from the treatment plant	Bacillus Spores	20,000 ² cfu per square metre per hour ¹	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A	In accordance with the sector guidance note for Clinical Waste EPR 5.07.
Surface – sample point >10 m from the treatment plant	Bacillus Spores	5,000 ² cfu per square metre per hour ¹	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A	In accordance with the sector guidance note for Clinical Waste EPR 5.07.
¹ Note: These units relate to the overall monitoring period so the cfu benchmark applies to: Each individual sample of air taken, with a calculation made to report the result per cubic metre. For each individual settling plate (this is not an average) - a calculation made to adjust for surface area of settle plate and exposure time (for example if settle plates are deployed for only fifteen minutes of every hour then the result must be multiplied by four). ² Note: These benchmarks are indicative only, and will be reviewed periodically.				

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.1.2	A2 and A3	Every 12 months	From issue of the permit
Emissions to sewer Parameters as required by condition 3.1.2	S1	Every 12 months	From issue of the permit
Ambient air monitoring Parameters as required by condition 3.1.2	Air – sample points <10m from the treatment plant Surface – sample points <10m and >10m from the treatment plant	Every 12 months	From issue of the permit
Treatment efficacy (routine monitoring) as specified in Table S3.3)	Steam treatment of waste in rotoclave with subsequent shredding as specified in Table S3.3	Quarterly	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A

Parameter	Units
Hazardous waste treated	tonnes
Hazardous waste accepted for transfer	tonnes
Non-hazardous waste treated	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Air	Form air 1 to other form as agreed in writing by the Environment Agency	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A.
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	To be agreed in writing as part of

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
		pre-operational condition PO1 in table S1.4A.
Bioaerosols	Form bioaerosol or other form as agreed in writing by the Environment Agency	To be agreed in writing as part of pre-operational condition PO1 in table S1.4A.
Efficacy testing	Reporting format to be agreed in writing by the Environment Agency	DD/MM/YY
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY

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.

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

“clinical waste” means waste from a healthcare activity (including veterinary healthcare) that:

- contains viable micro-organisms or their toxins which are known or reliably believed to cause disease in humans or other living organisms;
- contains or is contaminated with a medicine that contains a biologically active pharmaceutical agent; or
- is a sharp, or a body fluid or other biological material (including human and animal tissue) containing or contaminated with a hazardous substance;

and waste of a similar nature from a non-healthcare activity.

“cytotoxic and cytostatic medicines” are medicinal products that possess one or more of the hazardous properties acutely toxic, carcinogenic, mutagenic or toxic for reproduction. Cytotoxic and cytostatic waste is the fraction of waste medicines, as described below for “medicines”, that contains or is contaminated with cytotoxic and cytostatic medicines.

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

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

“emissions to land” includes emissions to groundwater.

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

“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.

“fugitive emission” means an emission to air, water or land from the activities which is not controlled by an emission limit.

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

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

“Hazardous 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.

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

“Healthcare waste” means a waste classified under Chapter 18 of the List of Wastes that is both:

- produced by human and animal healthcare and/or related activities; and
- is of a type specifically associated with such activities.

“Impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface, and should be read in conjunction with the term “sealed drainage system” below.

“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.

“Medicines” are “medicinal products” as defined in Regulation 130 of Part VIII of the Medicines Act 1968. Waste medicines (or pharmaceutical waste) include:

- expired, unused, spilt and contaminated medical products that are no longer required and need to be disposed of appropriately;
- discarded items contaminated with medicines such as bottles or boxes with residues, gloves, masks, connecting tubing, syringe bodies and drug vials.

“notify/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.

“offensive waste” means waste that:

- is not clinical waste;
- contains body fluids, secretions or excretions; and

falls within the description of code 18 01 04, 18 02 03 or 20 01 99 in the list of wastes.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

“Pests” means Birds, Vermin and Insects.

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

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

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

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- (a) no liquid will run off the surface otherwise than via the system;
- (b) except where they may lawfully be discharged, all liquids entering the system are collected in a sealed sump.

"Sharps" means items that could cause cuts or puncture wounds. They include needles, hypodermic needles, scalpels and other blades, knives, infusion sets, saws, broken glass, and nails.

"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.

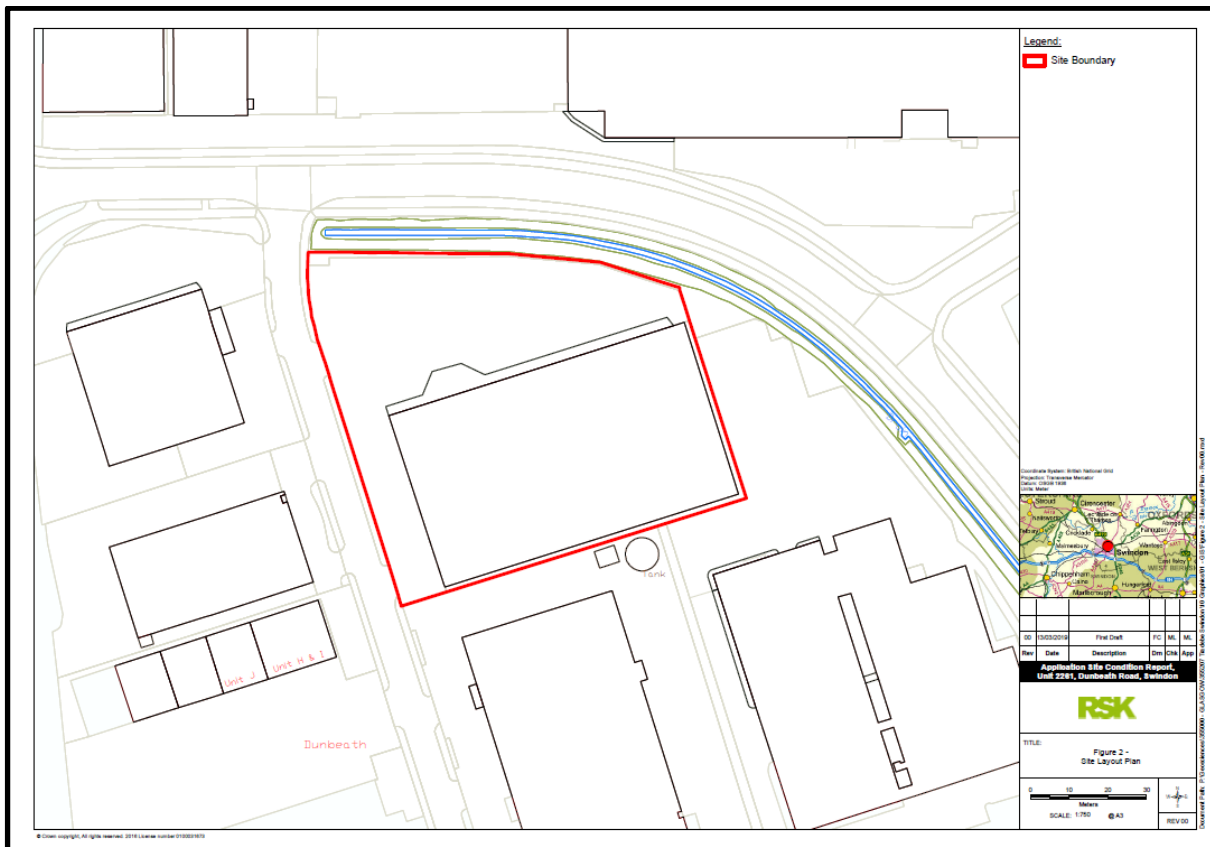
"year" means calendar year ending 31 December.

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.

When the following terms appear in the waste code list in Schedule 2, table 2.2 (or if more than one table state the table references), for that table/those tables (delete as applicable), 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.

Schedule 7 – Site plan



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