Appendix A3 – Supporting Information

- Environment Agency Permit ref. EPR/MP3135DF – S.E.D. Services Ltd.
- Chartrange, No Unexpected Contamination Confirmation, August 2020

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

S.E.D. Services Limited

Hightown Compost Site
Land at Orrell Hill Lane
Ince Blundell
Sefton
L38 5DA

Variation application number

EPR/MP3135DF/V002

Permit number

EPR/MP3135DF

Hightown Compost Site
Permit number EPR/MP3135DF

Introductory note

This introductory note does not form a part of the permit

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

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

S.E.D. Services Limited operate an open windrows composting facility located on Orrell Hill Lane, Sefton. The Hightown Compost Site is located, approximately 800 metres north west of the village of Ince Blundell. The surrounding area is predominantly agricultural land and woodland.

This variation authorises the following changes:

- A new Schedule 1 activity has been added to the permit, to allow for the composting of street-cleaning leaf litter. The leaf litter will be deposited on an impermeable concrete surface before being formed into windrows and composted for 10-16 weeks to produce a compost-like output that can be used for land restoration.
- The following two currently permitted activities which are also carried out by S.E.D. Services Limited at the Orrell Hill Lane site have been incorporated into the installation permit as part of the variation:
  - A waste activity to store non-hazardous waste and treat it to produce soil, soil substitutes and aggregate. This activity will be located in the area previously used for the storage of compost, and a new site area to the north of the site. This waste activity was formerly regulated under the permit reference EPR/FB3208LZ prior to this variation.
  - A waste standard rules activity SR2008 No19 75kte for the liming of non-hazardous sewage sludge. This activity will be located on an area which is also used for windrow composting, with the two activities alternating on a seasonal basis. This activity was formerly regulated under the permit reference EPR/EB3901LC prior to this variation.
- The maximum throughput of waste for the composting activities has increased from 40,000 tonnes per annum (tpa) to either:
  - 60,000 tpa if the waste standard rules activity SR2008 No19 is not carried out on site; or,
  - 50,000 tpa if the waste standard rules activity SR2008 No19 is carried out on site.
- The permit boundary will be increased to include new site areas.

The schedules specify the changes made to the permit.

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

Status log of permit A: EPR/MP3135DF		
Description	**Date**	**Comments**
Application EPR/MP3135DF/A001	Duly made 20/10/16	Application for an open system composting facility.
Additional information received	20/01/17	Amendment to the effluent and surface water management.
Response to Schedule 5	07/04/17	Fire Prevention Plan.
Permit determined EPR/MP3135DF (PAS Billing Ref. MP3135DF)	09/05/17	Permit issued to S.E.D. Services Limited.
Application EPR/MP3135DF/V002 (variation and consolidation)	Duly made 13/10/17	Application to increase the annual throughput of the open windrow composting to 75,000 tpa, and incorporate waste activity (EPR/FB3208LZ) and standard rules SR2008 No19 75kte (EPR/EB3901LC) to the permit.
Additional information received	13/11/17	Proposed compost material assessment for the leaf litter.
Additional information received	01/12/17	Updated site layout plan and Fire Prevention Plan.
Additional information received	04/12/17	Response to request for information with details on the site capacity and drainage.
Additional information received	11/12/17	Final treatment capacity calculations.
Additional information received	02/01/18	Information on leaf litter treatment segregation.
Additional information received	23/02/18	Sampling process for leaf litter.
Additional information received	05/03/18	Sampling plan for leaf litter.
Additional information received	03/04/18	Updated Fire Prevention Plan.
Variation determined EPR/MP3135DF (PAS Billing Ref. DP3537YF)	27/04/18	Varied permit issued.

Status log of permit B: EPR/FB3208LZ		
Description	**Date**	**Comments**
Application EPR/FB3208LZ/A001	Duly made 18/08/17	Application for inert waste treatment facility.
Additional information received	30/08/17	Revised site specific risk assessment.
Permit determined EPR/FB3208LZ/A001	20/10/17	Permit issued to S.E.D. Services Limited.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/MP3135DF

Issued to

S.E.D. Services Limited ("the operator")

whose registered office is

Landgate Farm
Landgate Lane
Bryn
Wigan
Lancashire
WN4 0EJ

company registration number 05602201

to operate a regulated facility at

Hightown Compost Site
Land at Orrell Hill Lane
Ince Blundell
Sefton
L38 5DA

to the extent set out in the schedules.

The notice shall take effect from 27/04/2018

Name	Date
Tom Swift	**27/04/2018**

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/MP3135DF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/MP3135DF/V002 authorising,

S.E.D. Services Limited ("the operator"),

whose registered office is

Landgate Farm
Landgate Lane
Bryn
Wigan
Lancashire
WN4 0EJ

company registration number 05602201

to operate an installation at

Hightown Compost Site
Land at Orrell Hill Lane
Ince Blundell
Sefton
L38 5DA

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

Under regulation 27(2) of the Regulations, standard rules SR2008 No19 75kte are conditions of this permit.

Name	Date
Tom Swift	27/04/2018

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 AR9) 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 AR9) 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").

2.2 The site

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

2.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR9) waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.3 Operating techniques

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

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.2 and S2.3; 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.

2.4 Pre-operational conditions

2.4.1 The operations specified in schedule 1 table S1.3 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 The limits given in schedule 3 shall not be exceeded.

3.1.2 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

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

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

3.3 Odour

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

3.4 Noise and vibration

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

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

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

3.5 Bioaerosols

3.5.1 The operator shall take all appropriate measures, to prevent or where that is not practicable to minimise the release of bioaerosols. Emissions of bioaerosols from the operational activities shall not exceed the emission threshold limits specified in table S3.2.

3.5.2 The operator shall where the emission threshold limits are exceeded:

(a) notify the Environment Agency and investigate and take remedial action;

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

(c) implement the bioaerosols management plan from the date of approval and revise the plan periodically, 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.

3.8 Monitoring

3.8.1 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) process monitoring specified in table S3.1;

(b) bioaerosols monitoring specified in table S3.2.

3.8.2 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.

3.8.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.8.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, 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 AR9) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production/treatment data set out in schedule 4 table S4.2; and

(c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

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

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

4.3 Notifications

4.3.1 In the event:

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

(i) inform the Environment Agency,

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

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

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

(i) inform the Environment Agency, and

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

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

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

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

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

Where the operator is a registered company:

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

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

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

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

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

In any other case:

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

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

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

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

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

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

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 Activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1 (Green waste)	S5.4 A (1) (b) (i) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment.	R3: Recycling/ reclamation of organic substances which are not used as solvents.	From receipt of waste through to composting and recovery of by-products. Composting of waste under aerobic conditions in open systems such as outdoor turned windrows or aerated static piles on impermeable surface with sealed drainage system. Waste types suitable for acceptance are limited to those specified in Table S2.2. Waste type EWC 20 03 03 street-cleaning residues (leaves only) is not suitable for acceptance.
AR2 (Street leaf litter)	S5.4 A (1) (b) (i) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment.	R3: Recycling/ reclamation of organic substances which are not used as solvents.	From receipt of waste through to composting and recovery of by-products. Composting of waste under aerobic conditions in open systems such as outdoor turned windrows or aerated static piles on impermeable surface with sealed drainage system. Waste types suitable for acceptance are limited to EWC 20 03 03 street-cleaning residues (leaves only) as referenced in Table 2.2. The treatment must take place on an area segregated from activity AR1.
Directly Associated Activity			
AR3	Storage of waste pending recovery or disposal.	R13: Storage of waste pending the R3 operation (excluding temporary storage, pending collection, on the site where it is produced).	Undertaken in relation to Activity AR1 and AR2. From the receipt of waste to despatch for composting or despatch off site for recovery and/or disposal. Storage of waste on an impermeable surface with sealed drainage. Waste types suitable for acceptance are limited to those specified in Table S2.2.
AR4	Physical treatment for the purpose of recycling.	R3: Recycling/ reclamation of organic substances which are not used as solvents.	Undertaken in relation to Activity AR1 and AR2. From the receipt of waste to despatch for composting or despatch off site for recovery.

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**
			Pre-treatment of waste prior to composting on an impermeable surface with sealed drainage system including shredding and screening. Post-treatment of processed compost on an impermeable surface with sealed drainage system including screening to remove contraries. Waste types suitable for acceptance are limited to those specified in Table S2.2.
AR5	Raw material storage.	Storage of raw materials including lubrication oil, diesel.	Undertaken in relation to Activity AR1 and AR2. From the receipt of raw materials to despatch for use within the facility.
AR6	Compost storage.	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).	Undertaken in relation to Activity AR1. From the receipt of processed uncertified compost produced at the facility to despatch for use off-site. Storage of processed uncertified compost on an impermeable surface with sealed drainage system.
AR7	Compost-like output storage.	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).	Undertaken in relation to Activity AR2. From the receipt of processed compost-like output produced at the facility to despatch for use off-site. Storage of processed compost-like output on an impermeable surface with sealed drainage system.
AR8	Process and surface water collection and storage.	Collection and storage of compost liquor/leachate and uncontaminated roof and site surface water in a lagoon.	Undertaken in relation to Activity AR1. From the receipt of compost leachate produced at the facility and the collection of uncontaminated roof and site surface water from non-operational areas, only to re-use within the facility or discharge off-site.
AR9	Process and surface water collection and storage.	Collection and storage of compost liquor/leachate and uncontaminated roof and site surface water in a storage tank.	Undertaken in relation to Activity AR2. From the receipt of compost leachate produced at the facility and the collection of uncontaminated roof and site surface water from non-operational areas, only to discharge off-site.

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**
AR10	Store waste at a specified location and treat it to produce soil, soil substitutes and aggregate. R3: recycling or reclamation of organic substances which are not used as solvents. R5: Recycling or reclamation of other inorganic materials. R13: Storage of wastes pending the operations numbered R3 and R5.		Treatment of wastes listed in Table S2.3 consisting only of sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate. Secure storage of wastes listed in Table S2.3 pending treatment. Storage of wastes specified by Note 1 in Table S2.3 shall not exceed 10,000 tonnes in total at any one time. All other wastes stored shall not exceed 40,000 tonnes in total at any one time. No more than 75,000 tonnes of waste shall be treated per year. Treatment of slags and ashes for a mix of recovery and disposal shall not exceed 75 tonnes per day.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/MP3135DF/A001	Parts B2 and B3 of the application form, and referenced supporting documents. Best available techniques detailed in the supporting document 'Hightown BAT Assessment'.	Duly made 20/10/16
Additional information	Amendment to the effluent and surface water management (email reference: 'Application Bespoke - Confirmation of the effluent and surface water management').	20/01/17
Application EPR/FB3208LZ/A001	Dust management plan, plan reference DMP001 and DMP002 in response to section 3a, Table 3b – General Requirements, Part B4 of the application form.	06/07/17
Application EPR/MP3135DF/V002	Parts C2 and C3 of the application form, and referenced supporting documents.	13/10/17
Additional information	Proposed compost material assessment for the leaf litter (reference: Application Variation Proposed Compost Material Assessment). Confirmation of annual integrity tests on the steel drainage tank (email reference: Application Variation Response to request for information).	13/11/17
Additional information	Response to request for information with details on the site capacity and drainage (reference: Application Variation Request for information response - Capacity and Drainage).	04/12/17
Additional information	Final treatment capacity calculations (reference: Application Variation Capacity Calculation). Confirmation of no maturation on site (reference: Application Variation Confirmation of no maturation).	11/12/17
Response to Schedule 5 Notice dated 21/12/17	Information on leaf litter treatment segregation and monitoring of windrow temperature (reference: Application Variation Schedule 5 response (part 1) - Segregation.	02/01/18
	Sampling process for leaf litter (reference: Application Variation Schedule 5 response (part 2) - Sampling Process.	23/02/18
	Sampling plan for leaf litter (reference: Application Variation Schedule 5 response (part 3) – Sampling Plan.	05/03/18
Additional information	Updated Fire Prevention Plan (reference: EMS-FPP-001v7).	03/04/18

Table S1.3 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
POFD 1	Treatment of leaf litter (Activity AR2 of Table S1.1).	The operator shall submit a report to the Environment Agency for approval, demonstrating that the compost-like output from the treatment of leaf litter has an agreed end user for restoration purposes. The operator shall submit a sampling plan to the Environment Agency for approval, detailing the agreed specification that the compost-like output is required to meet for its use in land restoration, and how this shall be achieved. The treatment of leaf litter (Activity AR2 of Table S1.1) unless the Environment Agency has given prior written permission under this condition.

Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted waste types and quantities for composting in open systems	
Maximum quantity	**The total annual throughput shall not exceed 60,000 tonnes if the waste standard rules activity SR2008 No19 is <u>not</u> carried out on site.** **The total annual throughput shall not exceed 50,000 tonnes if the waste standard rules activity SR2008 No19 is carried out on site.** **The annual throughput of EWC 20 03 03 street-cleaning residues (leaves only) shall not exceed 8,500 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - consisting solely or mainly of dusts (except sawdust), powders, or loose fibres; - catering waste or other wastes containing animal by-products covered by the Animal By-Products Regulations; - wastes that are in a form which is liquid; - wastes containing treated wood, wood-preserving agents or other biocides, persistent organic pollutants, Japanese Knotweed; - hazardous wastes
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 06	animal faeces, urine and manure (including spoiled straw) only
02 01 07	wastes from forestry (biodegradable only)
02 01 99	wastes not otherwise specified (spent mushroom compost and fully biodegradable bedding only)
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 (biodegradable only)
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials (biodegradable only)
02 07 02	wastes from spirits distillation (biodegradable only)
02 07 04	materials unsuitable for consumption or processing (biodegradable only)
02 07 99	wastes not otherwise specified (malt husks, malt sprouts, yeast and yeast-like residues only)
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**

Table S2.2 Permitted waste types and quantities for composting in open systems	
Maximum quantity	**The total annual throughput shall not exceed 60,000 tonnes if the waste standard rules activity SR2008 No19 is not carried out on site.** **The total annual throughput shall not exceed 50,000 tonnes if the waste standard rules activity SR2008 No19 is carried out on site.** **The annual throughput of EWC 20 03 03 street-cleaning residues (leaves only) shall not exceed 8,500 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - consisting solely or mainly of dusts (except sawdust), powders, or loose fibres; - catering waste or other wastes containing animal by-products covered by the Animal By-Products Regulations; - wastes that are in a form which is liquid; - wastes containing treated wood, wood-preserving agents or other biocides, persistent organic pollutants, Japanese Knotweed; - hazardous wastes
Waste code	**Description**
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood and particle board other than those mentioned in 03 01 04 only
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
03 03 10	fibre rejects only
04	**Wastes from the leather, fur and textile industries**
04 02	**wastes from the textile industry**
04 02 10	organic matter from natural products (un-dyed and untreated only)
07	**Wastes from organic chemical processes**
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 13	waste plastic (compostable plastics only, unused and uncontaminated excess production only)
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 (excluding veneers, plastic coatings or laminates)
15 01 02	plastic packaging (compostable plastics only)
15 01 03	wooden packaging
15 01 05	composite packaging (only biodegradable organic packaging)
15 01 09	textile packaging (made entirely from biodegradable fibres only)
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 02	**wood, glass and plastic**
17 02 01	wood
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 06	dredging spoil other than those mentioned in 17 05 05 (from inland waters only)

Table S2.2 Permitted waste types and quantities for composting in open systems	
Maximum quantity	**The total annual throughput shall not exceed 60,000 tonnes if the waste standard rules activity SR2008 No19 is not carried out on site.** **The total annual throughput shall not exceed 50,000 tonnes if the waste standard rules activity SR2008 No19 is carried out on site.** **The annual throughput of EWC 20 03 03 street-cleaning residues (leaves only) shall not exceed 8,500 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - consisting solely or mainly of dusts (except sawdust), powders, or loose fibres; - catering waste or other wastes containing animal by-products covered by the Animal By-Products Regulations; - wastes that are in a form which is liquid; - wastes containing treated wood, wood-preserving agents or other biocides, persistent organic pollutants, Japanese Knotweed; - hazardous wastes
Waste code	**Description**
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 03	premixed wastes composed only of non-hazardous wastes (waste types listed in this table only)
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	off-specification compost (from a composting process that accepts waste input types listed in this table only)
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 05	sludges from treatment of urban waste water
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 01	paper and cardboard (excluding veneers or plastic coatings)
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (and only including waste types listed in this table)
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 (excluding veneers, plastic coatings or laminates)
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics (compostable plastics only)
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste (plant matter only)
20 03	**other municipal wastes**
20 03 02	waste from markets (biodegradable only)
20 03 03	street-cleaning residues (leaves only) [Note 1]
Note [1] – This waste type is suitable for acceptance for activity AR2 only, as referenced in Table S1.1.	

Table S2.3 Permitted waste types and quantities for treatment of waste to produce soil, soil substitutes and aggregate	
Maximum quantity	**Annual throughput shall not exceed 75,000 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres - Hazardous wastes - Wastes in liquid form
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 02	shellfish shells from which the soft tissue or flesh has been removed only
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork[1]
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood[1]
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants**
10 01 01	bottom ash and slag only[1]
10 01 02	pulverised fuel ash only
10 01 05	gypsum (solid) only[1]
10 01 07	gypsum (sludge) only[1]
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14[1]
10 11	**wastes from manufacture of glass and glass products**
10 11 12	clean glass other than those mentioned in 10 11 11
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 14	waste concrete only
15	**Waste packaging**
15 01	**packaging**
15 01 07	clean glass only

Table S2.3 Permitted waste types and quantities for treatment of waste to produce soil, soil substitutes and aggregate	
Maximum quantity	**Annual throughput shall not exceed 75,000 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres - Hazardous wastes - Wastes in liquid form
Waste code	**Description**
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**wood, glass and plastic**
17 02 02	clean glass only
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 02	road base and road planings (other than those containing coal tar) only
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05[1]
17 05 08	track ballast other than those mentioned in 17 05 07
17 08	**gypsum-based construction material**
17 08 02	gypsum only other than those mentioned in 17 08 01[1]
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption/ industrial use**
19 05	**wastes from aerobic treatment of solid waste**
19 05 03	compost from source segregated biodegradable waste only[1]
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification[1]
19 12	**wastes from the mechanical treatment of wastes**
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only[1]
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01[1]

Table S2.3 Permitted waste types and quantities for treatment of waste to produce soil, soil substitutes and aggregate	
Maximum quantity	**Annual throughput shall not exceed 75,000 tonnes.**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres - Hazardous wastes - Wastes in liquid form
Waste code	**Description**
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03[1]
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions**
20 01 02	clean glass only
20 02	**garden and park wastes**
20 02 02	soil and stones
Note 1: All permitted wastes with superscript 1 shall be stored and treated on hard-standing or on an impermeable surface with sealed drainage system.	

Schedule 3 – Emissions and monitoring

Table S3.1 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Internal for each composting batch during sanitisation stage	Temperature	At least daily	Temperature probe	Monitoring equipment shall be available on site and used as required to maintain aerobic conditions and ensure compliance with this permit. Equipment shall be calibrated on a 4 monthly basis or as agreed in writing by the Environment Agency.
	Moisture	None specified	---	
Internal for each composting batch during stabilisation stage	Temperature	At least weekly	Temperature probe	
	Moisture	None specified	---	
Waste reception area; storage areas; maturation area	Odour	Daily	Olfactory monitoring	Odour detection at the site boundary.

Table S3.2 Bioaerosols monitoring requirements – ambient monitoring					
Location or description of point of measurement	**Parameter**	**Bioaerosols threshold limits CFU m^{-3})**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Ambient monitoring Upwind of the operational area, as described in the Technical Guidance Note M9	Total bacteria	1,000	Quarterly for the first year of operation and twice a year thereafter, unless another frequency is agreed in writing by the Environment Agency	In accordance with Technical Guidance Note M9 – Environmental monitoring of bioaerosols at regulated facilities.	As described in the Technical Guidance Note M9, including all the additional data requirements specified therein.
Downwind of the operational area, as described in the Technical Guidance Note M9	Aspergillus Fumigatus	500			

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
Bioaerosols monitoring Parameters as required by condition 3.8.1	As specified in schedule 3 table S3.2	Every 3 months or as agreed in writing by the Environment Agency	1 January, 1 April, 1 July, 1 October.

Table S4.2: Annual production/treatment	
Parameter	**Units**
Processed compost	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	tonnes or m^3
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	09/05/17
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	09/05/17
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	09/05/17
Waste Returns	E-waste Returns Form or other form as agreed in writing by the Environment Agency	---

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.

"animal waste" means any waste consisting of animal matter that has not been processed into food for human consumption.

"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.

"bioaerosols threshold limits" means the maximum acceptable bioaerosol concentrations at the nearest sensitive receptor, or at an equivalent distance downwind of the biowaste treatment operations, which are attributable to the biowaste treatment operations. The maximum acceptable concentrations are respectively 1000 and 500 CFU m^{-3} for total bacteria and Aspergillus fumigatus.

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

"compost" means solid particulate material that is the result of composting, which has been sanitised and stabilised, and which confers beneficial effects when added to soil, used as a component of growing media or used in another way in conjunction with plants.

"composting" means the biological decomposition of organic materials, under conditions that are predominantly aerobic and that allow the development of thermophilic temperatures as a result of biologically produced heat.

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

"emissions to land" includes emissions to groundwater.

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

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

"groundwater protection zones 1 and 2" have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

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

"impermeable surface" means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

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

"Industry Standard Protocol" means "A standardised protocol for the monitoring of bioaerosols at open composting facilities" published by the Association for Organics Recycling and developed in conjunction with the Environment Agency.

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

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"pests" means Birds, Vermin and Insects.

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

"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.

"sanitisation stage" means the actively managed and intensive stage of composting lasting for at least five days, characterised by high oxygen demand and temperatures of over 55 °C, during which biological processes, together with conditions in the composting mass, eradicate human and animal pathogens or reduce them to acceptably low levels.

"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 be lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump.

"stabilisation stage" means the stage of composting following sanitisation, during which biological conditions in the composting mass, give rise to compost that is nominally stable.

"Waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

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

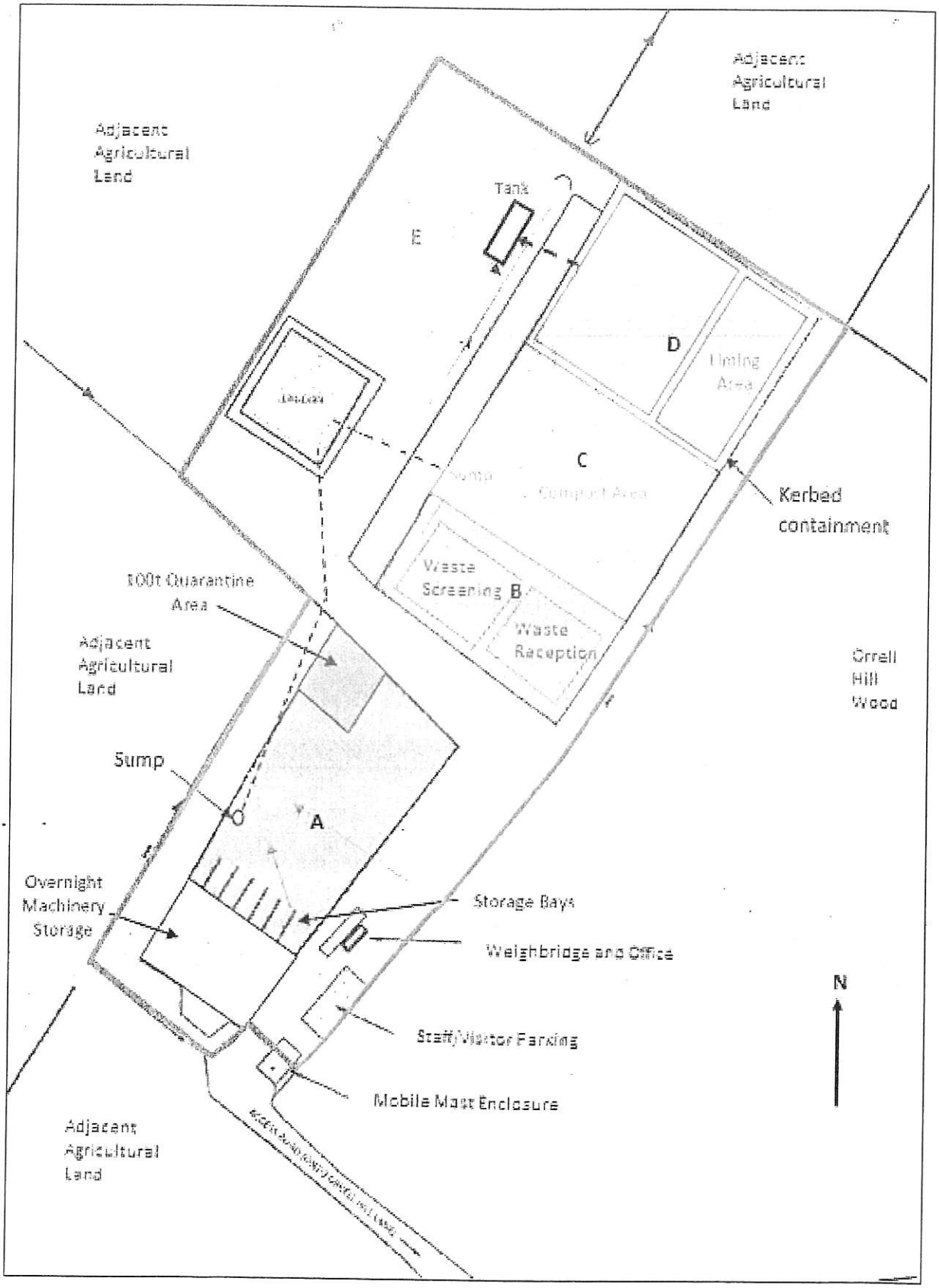
"year" means calendar year ending 31 December.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Schedule 7 – Site plan



END OF PERMIT

Matthew Holroyd

From: Sean Flynn <sean.flynn@chartrange.com>
Sent: 18 August 2020 13:47
To: Toyne, John
Cc: Allen, Paul A; Eaton Talbot; Lenthall, Matthew
Subject: New Cross - No known Contamination

CAUTION: This email originated from outside of **Balfour Beatty**. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Hi John,

I am writing to confirm that Chartrange did not knowingly encountered any contaminated ground on site during our works on the New Cross Project, Oldham Rd.

Regards

Sean Flynn
Site Manager

Chartrange.

Wharf Street | Dukinfield | Cheshire | SK16 4NJ

T: 0161 339 4949 | M: 07921697434 |E: sean.flynn@chartrange.com |W: www.chartrange.com

Certificate No: 7242

Please consider the environment before printing this email.

This email and any attachments are confidential and intended solely for the use of the individual or entity to which it is addressed. Any views or opinions presented are solely those of the author and do not necessarily represent those of Chartrange Ltd.If you are not the intended recipient, be advised that you have received this email in error and that any use, dissemination, forwarding, printing or copying of this email is strictly prohibited. Messages sent to and from us may be monitored. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. Therefore, we do not accept responsibility for any errors or omissions that are present in this message, or any attachment, that have arisen as a result of e-mail transmission. If verification is required, please request a hard-copy version.If you have received this email in error, please notify the sender either by replying to this email or by telephone on +44(0)161 339 4949.

This message has been scanned for malware by Websense. www.websense.com