

SCOTTISH ENVIRONMENT PROTECTION AGENCY

Pollution Prevention and Control Act 1999

**Pollution Prevention and Control (Scotland) Regulations 2000
("the Regulations")**

PERMIT TO OPERATE A 'PART A' INSTALLATION

Permit Number: PPC/A/1026140

Operator: Keenan Recycling Limited
Hillhead of Auchreddie
New Deer
Turriff
AB53 6YH

The Scottish Environment Protection Agency ("SEPA"), in accordance with Regulation 7 of the Regulations, hereby grants a permit to Keenan Recycling, Limited, company registration number SC254053 having its registered office at Hillhead of Auchreddie, New Deer, Turriff, AB53 6YH ("the Operator") to operate an installation, more particularly described in Schedule 1 of this permit, on a site at Hillhead of Auchreddie, New Deer, Turriff, AB53 6YH more particularly described in said Schedule 1, subject to the requirements of the Regulations and to the conditions contained in the Schedules to this Permit.

Signed.....*M. D. Crockett*.....
Authorised to sign on behalf of the
Scottish Environment Protection Agency

Date: 8 August 2008

Right of Appeal

Under Regulation 22 of the Regulations you are entitled to appeal to the Scottish Ministers against any condition or conditions of this Permit within six months of the date of this Permit, except where SEPA has granted this Permit in implementation of a direction to SEPA of the Scottish Ministers. The bringing of an appeal will not have the effect of suspending the operation of the said condition or conditions. The procedures for the making of an appeal are set out in Schedule 8 of the Regulations.

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INTERPRETATION OF TERMS

For the purposes of this Permit, and unless the context requires otherwise, the following definitions shall apply:

“ABP Regulations” means the Animal By-products (Scotland) Regulations 2003

“Authorised Person” means a person who is authorised in writing under Section 108 of the Environment Act 1995 to carry out duties on behalf of SEPA;

“Climate Change Agreement” has the same meaning as in Section 46 of the Finance Act 2000;

“Composting” is the process of controlled biological decomposition of biodegradable materials under managed conditions that are predominantly aerobic and that allow the development of thermophilic temperatures as a result of biologically produced heat.

“Compost” is a solid particulate material that is the result of composting, that has been sanitized and stabilized and that confers beneficial effects when added to soil, used as a component of a growing medium, or is used in another way in conjunction with plants.

“emission” has the same meaning as in the Regulations;

“European Waste Catalogue” is a list of wastes pursuant to Article 1(a) of Directive 75/442/EEC on waste and Article 1(4) of Directive 91/689/EEC on hazardous waste contained in Council Decision 2000/532/EC (O.J. L 226, 6.9.2000p.3) as amended by Council Decisions 2001/118/EC (O.J. L 47 16.2.2001, p.32) and 2001/119/EC (O.J. L 203, 28.7.2001, p.18)(or any subsequent amendments to the same);

“incident” means any of the following situations:

- Where an accident occurs which has caused or may have the potential to cause pollution;
- Where any malfunction, breakdown or failure of plant or techniques is detected which has caused or may have the potential to cause pollution;
- Where any substance, vibration, heat or noise specified in any Condition of this Permit is detected in an emission from a source not authorised by a Condition of this Permit and in a quantity which may cause pollution;
- Where an emission of any pollutant not authorised to be released under any Condition of this Permit is detected;
- Where an emission of any substance, vibration, heat or noise is detected that has exceeded, or is likely to exceed, or has caused, or is likely to cause to be exceeded any limit on emissions specified in a Condition of this Permit.

“Location Plan” means the plan attached to Schedule 1 of this Permit;

“the Permitted Activities” are defined in Schedule 1 of this Permit;

“the Permitted Installation” is defined in Schedule 1 of this Permit and includes references to parts of the Permitted Installation;

“pollutant” and “pollution” have the same meaning as in the Regulations;

“the Regulations” means The Pollution Prevention and Control (Scotland) Regulations 2000;

“SEPA” means the Scottish Environment Protection Agency;

“sealed drainage system” in relation to an impermeable pavement means a drainage system with impermeable components which does not leak and which will ensure that- (a) no liquid will run off the pavement otherwise than via the system, and (b) except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.

“the Site Boundary” is defined in Schedule 1 of this Permit;

“Site Plan” means the plan attached at Schedule 1;

“VCU” means an in-vessel aerobic composting system comprising of modular, insulated stainless steel lined composting chambers measuring 4.5 metre high and 2.5 metres square.

“waste” has the same meaning as in the Regulations;

“waste streams” a waste which is produced from a specific activity or process from a specific location

“the water environment” has the same meaning as in the Water Environment and Water Services (Scotland) Act 2003 that is all surface water, groundwater and wetlands; and “surface water”, “groundwater” and “wetlands” shall have the same meanings as in the Act;

Except where specified otherwise in this Permit:

- “day” means any period of 24 consecutive hours,
- “week” means a period of 7 consecutive days,
- “month” means a calendar month,
- “year” means any period of 12 consecutive months;

and any derived words (e.g. “monthly”, “quarterly”) shall be interpreted accordingly;

Except where specified otherwise in this Permit, any reference to an enactment or statutory instrument includes a reference to it as amended (whether before or after the date of this Permit) and to any other enactment, which may, after the date of this Permit, directly or indirectly replace it, with or without amendment.

Any reference to a group of Conditions, numbered Condition, Schedule, Table, Appendix, Figure or Paragraph is a reference to a group of Conditions, numbered Condition, Schedule, Table, Appendix, Figure or Paragraph bearing that number in this Permit;

1 THE PERMITTED INSTALLATION

1.1 Description of Permitted Installation

1.1.1 The permitted installation to which this Permit applies ("the Permitted Installation") is:

1.1.1.1 The stationary technical unit specified in paragraph 1.1.4 (the Stationary Technical Unit), where the activities specified in paragraph 1.1.3 are carried out ("the Activities"), together with the directly associated activities specified in paragraph 1.1.5 ("the Directly Associated Activities").

1.1.1.2 The site of the Permitted Installation is delineated in red on the Site Plan ("the Site Boundary").

1.1.2 The general location of the Permitted Installation is as shown on the Location Plan.

1.1.3 The Activities carried out at the Stationary Technical Unit are: -

1.1.3.1 The disposing of or recycling animal carcasses and animal waste at an installation with a capacity exceeding 10 tonnes per day as described in Schedule 1 , Section 6.8, Part A (b) of the Regulations.

1.1.4 The Stationary Technical Unit comprises the following units: -

1.1.4.1 Intake area comprising of storage and mixing of wastes suitable for composting using loading shovels, housed within the reception building.

1.1.4.2 A shredder, three blenders, VCU control room, and several storage bays for building material.

1.1.4.3 VCU composting units located between the reception and maturation buildings comprising three rows of six chambers, each row erected on a concrete plinth.

1.1.4.4 Enclosed electric feed conveyors between the reception building and VCUs, and the VCU's and the maturation building.

1.1.4.5 Maturation of compost within the maturation shed. The building is divided into eight bays, each with a capacity to hold 300m³ of material, four on each side separated by vehicle access. The material is kept fully aerated by means of an aerated floor.

1.1.5 The following Directly Associated Activities are carried out on the Site: -

1.1.5.1 Odour abatement plant, comprising a biofilter system at the rear of the reception building to filter air from both the reception and maturation buildings.

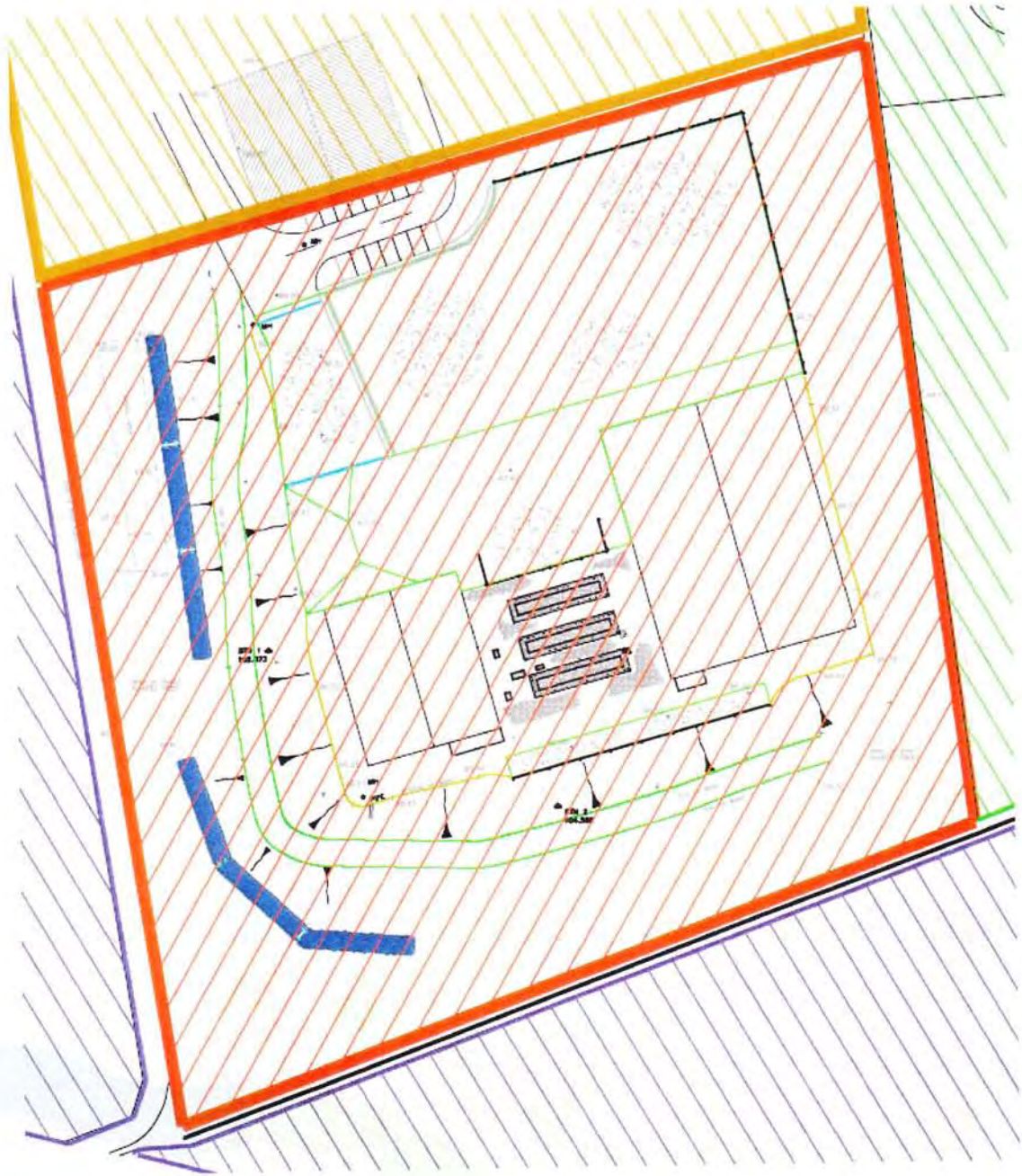
1.1.5.2 Quarantine area for rejected materials.

1.1.5.3 Reed bed drainage systems for uncontaminated waters.

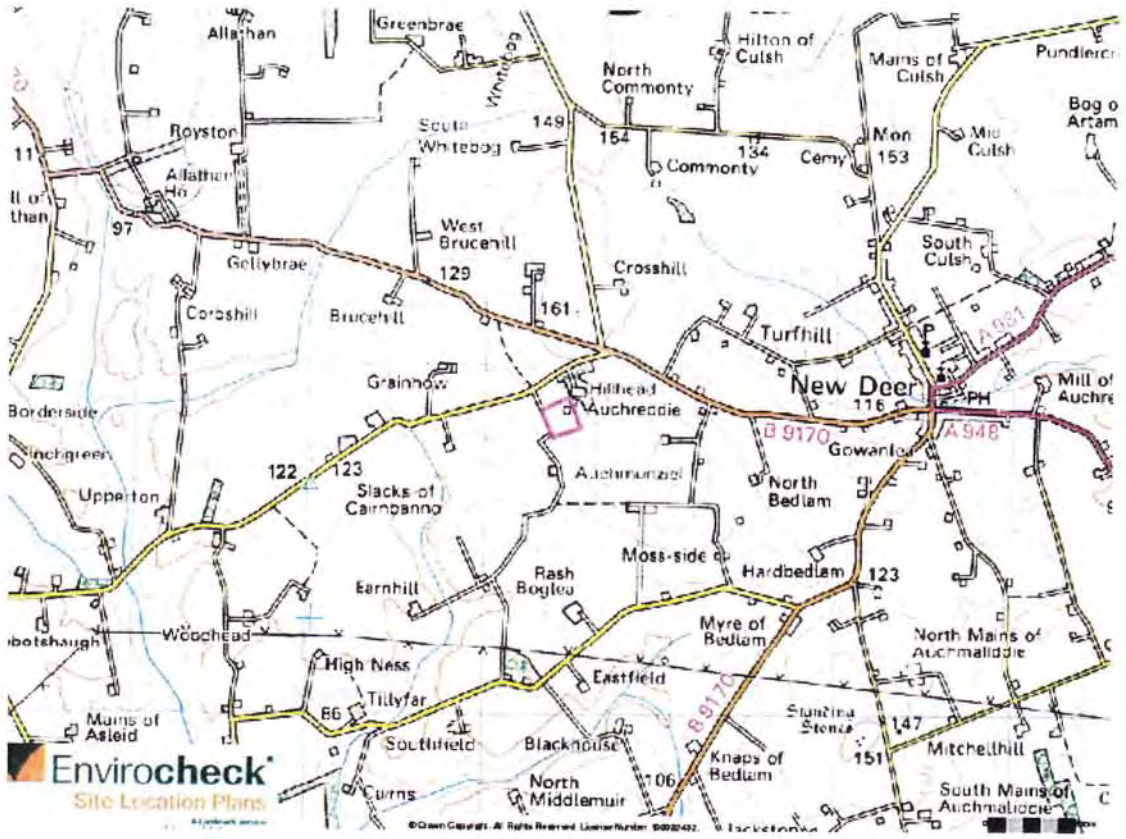
1.1.5.4 Storage, and dispatch of final product.

- 1.1.5.5 Vehicle washdown area.
- 1.1.5.6 Grading and Screening of final product.
- 1.1.5.7 Storage of chemicals and fuel.
- 1.1.5.8 Underground waste water storage tank.
- 1.1.6 The site office and weighbridge is not part of the Permitted Installation.
- 1.1.7 For the purposes of this Permit, the Activities and Directly Associated Activities shall be known together as “the Permitted Activities”.

1.2 Site Plan



Location Plan



2 GENERAL CONDITIONS

2.1 Administration

2.1.1 The Operator shall have an appropriate person (and deputy) as the primary point of contact with SEPA and shall notify SEPA in writing of the name of the appointed person (and deputy) within 4 weeks of the date of this Permit.

2.1.2 In the event of a different person being appointed to act as primary point of contact (or deputy) the Operator shall notify SEPA in writing of the name of the appointed person (or deputy) without delay and no later than 4 weeks from the date of the appointment.

2.1.3 A copy of this Permit shall be kept at the Permitted Installation and shall be made readily accessible for examination by all staff.

2.1.4 Any systems or procedures used by the Operator to demonstrate compliance with a Condition of this Permit shall be recorded.

2.2 Records

2.2.1 All records made in compliance with this Permit shall be kept in a systematic manner.

2.2.2 Unless otherwise specified in a Condition of this Permit, every record made in compliance with a Condition of this Permit shall be preserved for not less than five years from the date of its being made. Every such record shall be kept at the Permitted Installation for not less than one year from the date of its being made and thereafter preserved at a location, previously notified to SEPA in writing, if that location is not the Permitted Installation.

2.2.3 All records shall be legible, and any amendment made to any record made in compliance with a Condition of this Permit shall be made in such a way as to leave the original entry clear and legible. The reason for each amendment shall be explained in the said record.

2.2.4 Without prejudice to Condition 2.2.2, all operator's records relevant to the operation or maintenance of the Permitted Installation shall be kept at the Permitted Installation for not less than one year from the end of the period to which they apply.

2.3 Reporting

2.3.1 Where any Condition of this Permit requires information to be reported, a report shall be forwarded in writing in duplicate to SEPA at the address specified in the explanatory notes attached to this Permit, by the date(s) or within the period or at the frequency specified in Table 2.1 and, where appropriate, the first report shall be due on the date specified in that Table. All such reports shall include the Permit number and the name of the Operator.

- 2.3.2 Where the Permitted Installation has not operated for the duration of any reporting period specified in Table 2.1, the Operator shall provide written notification to SEPA. This shall confirm that no reports have been made in terms of Condition 2.3.1 because the Permitted Installation has not operated during the said period. Notifications shall be submitted within one month of the end of the reporting period concerned.
- 2.3.3 All notifications required by any Condition of this Permit shall be made to SEPA in the manner specified in that Condition to the address specified in the explanatory notes attached to this Permit by the date(s) or within the period or at the frequency specified in Table 2.1 and, where appropriate, the first notification shall be due on the date specified in that Table. All such notifications shall include the Permit number and name of the Operator.

2.4 Incidents

- 2.4.1 In the event of an incident, the Operator shall take all necessary measures to prevent, or where that is not practicable to reduce, emissions from the Permitted Installation. All necessary measures to limit the consequences for the environment of any emissions from the Permitted Installation shall be taken, so far as reasonably practicable.
- 2.4.2 In the event of an incident, the Operator shall notify SEPA by telephone as soon as reasonably practicable. This notification shall include as far as practicable the information specified in Condition 2.4.3.
- 2.4.3 The Operator shall confirm any incident to SEPA in writing by first class post or fax by the next working day after identification of the incident. This confirmation shall include: the time and duration of the incident, the receiving environmental medium or media where there has been any emission as a result of the incident, an initial estimate of the quantity and composition of any emission, the measures taken to prevent or minimise any emission or further emission and a preliminary assessment of the cause of the incident.
- 2.4.4 Any incident notified to SEPA shall be investigated by the Operator, and a report of the investigation sent to SEPA within 14 days of the date of the incident unless otherwise agreed in writing with SEPA. The report shall detail, as a minimum, the circumstances of the incident, an assessment of any harm to the environment and the steps taken by the Operator to bring the incident to an end. The report shall also set out proposals for remediation, where necessary, and for preventing a repetition of the incident.
- 2.4.5 Within 6 months of the date of this Permit the Operator shall prepare implement and maintain an "Incident Prevention and Mitigation Plan".
- 2.4.6 At least every 2 years, the Operator shall review the Incident Prevention and Mitigation Plan required under Condition 2.4.5. Each review of the said Incident Prevention and Mitigation Plan shall be recorded and where the Operator makes any revisions to the said plan, said revisions shall be recorded.

2.5 Resource Utilisation

- 2.5.1 At least every 2 years, the Operator shall carry out a systematic assessment of the energy and fuel consumption, emissions and waste production associated with the Permitted Activities. The purpose of the assessment shall be to identify methods of reducing raw material, energy and fuel consumption, emissions and waste production. Each assessment shall be recorded. A summary of any energy use or waste minimisation projects identified as a result of said assessment and the estimated costs and pay back period relating to each project shall be reported.
- 2.5.2 In respect of energy and fuel consumed, emissions and waste produced within the Permitted Installation, the Operator shall record the data specified in Table 2.3 at the frequency specified in that Table and shall report that data.
- 2.5.3 For the purposes of Conditions 2.5.1 and 2.5.2, "raw materials, energy and fuel" shall mean the materials listed in Table 2.4.

2.6 Waste Arisings Management

- 2.6.1 At least every 2 years, the Operator shall carry out a systematic assessment and review of the management of all wastes generated by the Permitted Activities. The purpose of the assessment shall be to identify methods of avoiding or reducing the impact on the environment of the disposal of waste. Each assessment shall be recorded and reported.
- 2.6.2 The Operator shall maintain a record of the location, estimated quantities and types of all wastes stored within the Permitted Installation. The said record shall be updated weekly.

2.7 Protection of Soil and Groundwater

- 2.7.1 Unless specified elsewhere in this Permit there shall be no emission of any pollutants to groundwater or soil from the Permitted Installation.
- 2.7.2 The Operator shall maintain a record of any incident that has, or might have, impacted on the condition of any soil or groundwater under the Permitted Installation, either as a result of that incident or as a result of an accumulation of incidents, together with a record of any further investigation or remediation work carried out.
- 2.7.3 Notwithstanding the requirements of Condition 2.2.2, the record required by Condition 2.7.2 shall be preserved until this Permit is surrendered.

2.8 Start Up

- 2.8.1 Within 6 months of the date of permit, the Operator shall prepare, implement and maintain a plan ("the Start Up Plan") setting out the necessary steps to be taken by the Operator prior to start up of operations of the Permitted Installation to ensure that all appropriate preventative measures are taken against pollution and that no significant pollution is caused.

- 2.8.2 At least every 4 years, the Operator shall review the Start Up Plan required under Condition 2.8.1. Each review of the said Start Up Plan shall be recorded and where the Operator makes any revisions to the said plan, said revisions shall be recorded.

2.9 De-commissioning

- 2.9.1 The Operator shall maintain a plan ("the De-commissioning Plan") for the decommissioning of the Permitted Installation. The De-commissioning Plan shall set out the steps to be taken by the Operator after final cessation of the Permitted Activities.
- 2.9.2 The Operator shall notify SEPA in writing of its intention to cease the Permitted Activities, or any part thereof, for any period exceeding 12 months, no later than 1 month prior to the proposed date of cessation.
- 2.9.3 The Operator shall implement the De-commissioning Plan on final cessation of the Permitted Activities or any part thereof.
- 2.9.4 The Operator shall review, record and, where necessary, update the De-commissioning Plan as follows: -
- 2.9.4.1 At least every 4 years; and
- 2.9.4.2 Where the Operator plans to make a substantial change in the extent or nature of the Permitted Installation.

2.10 Waste Data Returns

- 2.10.1 The Licence Holder shall compile the data required to complete the "Licensed/Permitted site return form" detailed in Schedule 5/Appendix A. A copy of the completed form shall be returned to SEPA within 28 days of the last day of March, June, September and December each year.

Table 2.1 Reporting and Notification Requirements

Summary of Information to be Reported or Notified	Condition	Date/Within period/ Frequency to be Reported	Date First Report Due
The name of the appropriate person (and deputy) appointed as primary point of contact with SEPA in writing.	2.1.1	Within 4 weeks of the date of any new appointment.	Within 4 weeks of the date of this permit
In the event of a different person being appointed to act as primary point of contact (or deputy) the name of the newly appointed contact or deputy in writing.	2.1.2	Within 4 weeks of the date of any new appointment.	Not applicable
Where the Permitted Installation has not operated for the duration of any reporting period, written notification shall be provided.	2.3.2	As required	Within 1 month of the reporting period concerned
Written notification and details of any incident occurring at the Permitted Installation.	2.4.3	Next working day written confirmation.	Not applicable.
Incident investigation report	2.4.4	within 14 days of the date of the Incident unless otherwise agreed in writing with SEPA	Not applicable
Raw material utilisation data	2.5.2	Yearly	
Decommissioning	2.9.2	At least 1 month prior to the proposed date of cessation.	Not applicable
Waste Data Returns	2.10.1	Within 28 days of the last days of: March, June, September & December each year.	28 October 2008
Systematic Odour assessment	3.2.2	Within 3 months of the date of this permit	Not applicable
Odour Management Plan	3.2.3	Within 6 months of the date of this permit	Not applicable
Rejected loads	3.9.1	Details of refusal to be passed to SEPA forthwith	Not applicable
Bioaerosol Assessment Report	3.16.2	Within 3 months of the date of this permit	Not applicable
Noise assessment report	3.3.1	Not applicable	31 December 2008

Table 2.2 Review & Systematic Assessment Requirements

Summary of Information to be Reviewed or Assessed	Condition	Frequency of review	Date First Review Due
Incident Prevention and Mitigation Plan Review	2.4.6	At least every 2 years from date of permit.	08 August 2010
Resource Utilisation systematic review & assessment	2.5.1	At least every 2 years from date of permit	08 August 2010
Waste Arisings systematic review & assessment	2.6.1	At least every 2 years from date of permit	08 August 2010
Start up plan review	2.8.2	At least every 4 years from date of permit	08 August 2012
Decommissioning Plan review	2.9.4.1 & 2.9.4.2	At least every 4 years from date of permit (and where substantial change proposed)	08 August 2012
Noise & Vibration systematic review & assessment	3.1.1	At least every 2 years from date of permit	08 August 2010
Odour systematic review & assessment	3.2.2	At least every 2 years from date of permit	08 August 2010
Systematic assessment and inspection of the condition of all underground storage tanks	3.3.2	At least every 4 years from date of permit	08 August 2012

Table 2.3 - Resource Utilisation Data Recording

Data required to be recorded by Condition 2.5.2	Recording Frequency
The total energy consumption in kilowatt hours per tonne of final product	yearly

Table 2.4 – Raw materials, energy and fuel

Materials to be included in assessment
Water , diesel , electricity , animal/food waste, disinfectant.

3 CONDITIONS APPLYING TO THE PERMITTED INSTALLATION AS A WHOLE

3.1 Noise and Vibration

- 3.1.1 The Operator shall by 31 December 2008 and thereafter at least every 2 years, or in the event of a significant change to the Permitted Installation, carry out a systematic assessment of noise and vibration emissions associated with the Permitted Activities, the purpose of which shall be to identify methods of preventing and reducing noise and vibration emissions. Each assessment shall be recorded and reported to SEPA.
- 3.1.2 The Operator shall by 31 December 2008 produce, implement and maintain a noise and vibration management plan ("the Noise and Vibration Management Plan"), the purpose of which shall be to implement the findings of the systematic assessment required by condition 3.1.1. A copy of this Noise and Vibration Management Plan shall be submitted to SEPA.
- 3.1.3 The Noise and Vibration Management Plan shall be updated following each systematic assessment as required by condition 3.1.1

3.2 Odour Conditions

- 3.2.1 All emissions to air from the Permitted Installation shall be free from offensive odour, as perceived by an Authorised Person, outside the Site Boundary.
- 3.2.2 The Operator shall, within 3 months of the date of this permit, carry out a systematic assessment of odour emissions, including fugitive emissions, using a method agreed in writing with SEPA, associated with the Permitted Activities the purpose of which shall be to identify methods of reducing odour emissions and their impact. At least every 2 years, the Operator shall carry out a further systematic assessment of odour emissions associated with the Permitted Activities Each assessment shall be recorded in writing and reported to SEPA.
- 3.2.3 The Operator shall, within 6 months of the date of this permit, produce an Odour Management Plan, ("The Odour Management Plan"), the purpose of which shall be to implement the findings of the assessment required by condition 3.2.2 in a systematic manner and record the actions taken to reduce odour. A written copy of the Plan and written copies of all actions taken in accordance with the Odour Management Plan shall be forwarded to SEPA.
- 3.2.4 The Odour Management Plan shall be updated following each systematic assessment as required by 3.2.2. A record of all actions taken in accordance with the Odour Management Plan shall be maintained on site and made available to SEPA on request.
- 3.2.5 Checks to assess compliance with Condition 3.2.1 of the licence shall be undertaken by the Operator at least daily. These shall be undertaken around the Permitted Installation and locations on the Site Boundary, both upwind and downwind of the Permitted Installation. These checks shall include written details of the time, location, wind direction and speed, temperature and weather conditions and a description of any odour detected, as well as a description of the operational status of the compost facility or any unusual

operations being undertaken at the Permitted Installation at the time of the assessment, or both, and the name of the person making the assessment. Each assessment shall be made over a period of at least 5 minutes.

- 3.2.6 Where the Operator detects any offensive odours during checks as required by 3.2.5, SEPA shall be informed immediately, the causes shall be investigated by the Operator, and corrective actions taken and recorded by the Operator. All records shall be made available to SEPA on request.
- 3.2.7 All sources of potentially offensive odours shall be, as far as practicable, kept enclosed and vented to the odour abatement system.
- 3.2.8 All doors to the reception building, VCU area and the maturation shed shall be kept closed at all times other than to allow the loading and unloading of material or other vehicle movements.
- 3.2.9 All road vehicles transporting compost or waste for composting within the Site Boundary shall be sheeted.

3.3 Groundwater and Soil Protection

- 3.3.1 The Operator shall maintain plans that identify the configuration and specification of all drains and subsurface pipe-work and the position and purpose of all sub-surface sumps and storage vessels that are used or have been used within the Permitted Installation from the date of this Permit until the Permit is surrendered.
- 3.3.2 The Operator shall at least every 4 years carry out a systematic assessment and inspection of the condition of the underground waste water storage tank (and any other storage tanks), the purpose of which shall be to ensure that the structural integrity of the tanks is being maintained and to identify any remedial action required to ensure compliance with Condition 2.7.1. Each assessment shall be recorded and reported to SEPA.
- 3.3.3 The Operator shall at least once per year carry out a systematic assessment and inspection of the condition of the internal floors, external yard surfaces, bunding and drainage system, the purpose of which shall be to identify any remedial action required to ensure compliance with Condition 2.7.1. Each assessment shall be recorded
- 3.3.4 The Operator shall ensure that dirty and clean surface areas remain separate and that only surface water from the external concrete areas (excluding vehicle wash-down area), condensate from the maturation building drainage system and rainwater from the VCU plinths is directed to the reed-bed system.

3.4 Water Environment

- 3.4.1 The Permitted Activities shall not have a significant adverse impact on, or cause pollution of, the water environment.

3.5 Waste Types and Quantities

- 3.5.1 Only waste types detailed in Column 1 of table 3.1 shall be accepted at the Permitted Installation.

Table 3.1

European Waste Catalogue Code	Description including physical form
02	Wastes from Agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
20	Municipal wastes (Household waste and similar commercial and institutional wastes including separately collected fractions.

- 3.5.2 No new waste streams shall be accepted at the Permitted Installation for composting unless a full Risk Assessment has been carried out in accordance with Condition 3.15.1. A notification of any new waste streams shall be made to SEPA in writing and shall include a description of the proposed waste stream to be used; an estimate of the quantity to be used daily/annually; a systematic assessment of the methods to be used for handling and storage of the waste stream; the Carbon:Nitrogen (C:N) ratio of the waste stream; and a summary of the findings of the full Risk Assessment Report.
- 3.5.3 The quantity of waste accepted at the Permitted Installation in each year shall not exceed 50,000 tonnes.
- 3.5.4 For the avoidance of doubt Waste of the types detailed in Table 3.2 shall not be accepted at the Permitted Installation.

Table 3.2

Waste Excluded
Special wastes as defined in the Special Waste Regulations 1996 (as amended)
Liquid waste, other than liquid waste suitable for composting purposes (identified following a full Risk Assessment as required by Condition 3.15.1)
Category 1 and 2 Animal By-Products wastes

3.6 Storage of liquids

- 3.6.1 All above ground containers used to store any liquids shall be located in a bund. The minimum capacity of any bund shall be either; 110% of the capacity of the largest container, or 25% of the total capacity of all the

containers within the bund, whichever is the greater. In the event of any containers being connected to one another, they shall be treated as one container.

3.6.2 The bunded areas and containers shall conform to the following standards -

- the walls and base of the bund shall be impermeable
- the base shall drain to a sump
- when not in use all taps, valves, pipes and every part of each container shall be located within the area served by the bund.
- vent pipes shall be directed downwards into the bund
- no part of the bund shall be within 10 metres of a watercourse
- all containers with a design capacity above 1000 litres shall be fitted with a device for continuously monitoring the level of the contents.

3.6.3 The accumulation of rainwater, spillages or leaks shall be managed to ensure that at least 95% of the capacity of the bund is free of liquid.

3.7 Inspection of Loads

3.7.1 The Operator shall monitor all wastes entering the Permitted Installation in accordance with the Permit, (including weight recording of waste loads) to ensure that they are within the types/quantities permitted under the conditions of the Permit. Vehicles shall not be permitted to unload unless the source of waste has been checked and where practicable, the load has been visually inspected by a suitably trained member of staff and has been found to comply with the requirements of the Permit.

3.7.2 Once unloaded, all waste received shall be further inspected by a suitably trained member of staff to check that the waste is permitted for acceptance under the conditions of the Permit. Any waste found not to conform to the conditions of the Permit during this inspection shall be immediately removed to the secure compound.

3.7.3 Wastes assessed as being unsuitable shall be rejected from the Permitted Installation in accordance with the procedure in Condition 3.9.1. A written record of such assessments shall be made and cross referenced with the weighbridge ticket and/or Waste transfer note documentation. SEPA shall be notified immediately by telephone, and confirmation of such incident supplied in writing within 3 working days.

3.8 Secure Compound

3.8.1 An area within the Site Boundary shall be provided for isolating non-conforming waste. This area shall have an impermeable surface designed to ensure that no liquid fraction can escape beyond this area.

3.9 Procedure for Rejected Loads

3.9.1 Where the Operator refuses any person permission to deposit waste at the Permitted Installation the Operator shall take all reasonable steps to obtain the following details: name and address of person, registration number of vehicle, quantity and type of waste, date and time of refusal. Details of the occurrence shall be passed to SEPA forthwith.

3.10 Labelling

- 3.10.1 All waste storage areas and tanks/vessels shall be clearly labelled. The label shall identify the material stored in the area and any hazardous properties. This information shall be legible from outwith the storage area.

3.11 Tidiness

- 3.11.1 All storage areas, excluding composting and maturation areas shall be cleared of all wastes at least once every 2 months and the area thoroughly cleaned. Details of such cleaning shall be recorded.
- 3.11.2 Composting and maturation areas shall be cleaned regularly and details recorded.
- 3.11.3 The internal site roads shall be kept clean from accumulations of dust, mud and compost emanating from the Permitted Activities.

3.12 Waste Handling and Storage

- 3.12.1 Upon arrival at the Permitted Installation, wastes shall be accepted, handled and stored as agreed in writing with SEPA.
- 3.12.2 Records shall be kept to identify how long each waste has been on site, and these records shall be made available to SEPA on request.

3.13 Process Monitoring and Control

- 3.13.1 All composting shall be undertaken through the VCU system.
- 3.13.2 Temperature during the thermophilic stages of the composting shall be monitored and recorded at a frequency and using the methodology as agreed in writing with SEPA.

3.14 Carbon: Nitrogen (C: N) Ratio

- 3.14.1 A C: N ratio of between 10:1 and 40:1 shall be achieved during initial mixing of the in-feed waste mix to be composted. Records recording the C:N ratio achieved for each initial mix ("the initial C:N ratio") shall be kept and made available to SEPA on request.
- 3.14.2 A procedure for calculating the daily initial C:N ratio shall be agreed in writing with SEPA and recorded..

3.15 Risk Assessment

- 3.15.1 A risk assessment shall be carried out and recorded for each type of waste accepted at the composting facility that is to enter the composting process. The risk assessment shall take into account the potential for offensive odour and its ability to travel beyond the Site Boundary and the ability of the composting process to effectively treat the waste. No waste shall be accepted at the Permitted Installation should the result of the odour risk

assessment identify that the storage or treatment of the waste would be likely to result in offensive odour beyond the Site Boundary.

- 3.15.2 Records of the Risk Assessment shall be retained on the Permitted Installation and made available to SEPA on request.

3.16 Biological Aerosols

- 3.16.1 Biological aerosols ('Bio-aerosols') shall be measured using a methodology and frequency as agreed in writing with SEPA.

- 3.16.2 Within 3 months of the date of issue of this Permit, an initial assessment of the Bio-aerosols shall be undertaken and reported to SEPA.

3.17 Notice Board and Signs

- 3.17.1 A site notice board of durable material and finish shall be displayed at the site entrance. The notice board shall contain the under noted information, which shall be legible from outwith the Site boundary.

- Installation name, address and permit number
- Installation Operator's name
- Installation opening times
- Emergency contact telephone number for the Operator
- Telephone number of the SEPA area office and emergency telephone number

- 3.17.2 Legible signs of a durable material and finish shall be prominently displayed throughout the site to ensure that users of the Permitted Installation are aware of:-

- traffic routing and access restrictions
- the location of the various facilities
- all areas of high risk

3.18 Site Diary

- 3.18.1 The Operator shall keep on site a diary to record significant events including as a minimum those detailed below:-

- Visits by a designated technically competent person.
- Any instruction issued to staff regarding compliance with permit conditions
- Plant maintenance & Cleaning
- Incidents and details of remedial action taken
- Problems with waste received including actions taken
- Pest control inspections
- Environmental problems specific to the Permitted Installation

- 3.18.2 The diary shall be kept in a form that can be audited and shall be made available for inspection at any reasonable time.

3.19 Staffing and Management

- 3.19.1 All staff engaged in carrying on the Permitted Activities shall be provided with adequate professional and technical development and training and written operating instructions to enable them to carry out their duties.
- 3.19.2 The Operator shall ensure that all staff engaged in carrying on the Permitted Activities are fully conversant with those aspects of the Permit Conditions that are relevant to their duties.
- 3.19.3 The Operator shall maintain a record of the skills and training requirements for each job and shall keep records of relevant training.
- 3.19.4 The Permitted Installation shall be managed and supervised by a designated technically competent person to ensure that the conditions of the permit are being complied with.

3.20 Plant, Machinery, Equipment and Instrumentation

- 3.20.1 All plant, machinery, equipment and instrumentation used at the Permitted Installation shall be operated, maintained and inspected in accordance with the manufacturer's instructions. Should the plant, machinery, equipment or instrumentation for any reason become unserviceable or inoperable, its replacement, repair or arrangements for its repair shall be put in hand forthwith.

3.21 Leakages/spills

- 3.21.1 Any spillages of waste, fuel, or other liquids shall be cleaned up forthwith. A supply of a suitable absorbent material shall be kept on the Permitted Installation to deal with any such spillages.

3.22 Dust

- 3.22.1 All emissions to atmosphere from the Permitted Installation shall be free from visible emissions of particulate matter and fallout of particulate matter beyond the Site Boundary.

3.23 Birds, Vermin and Insects

- 3.23.1 All operations on the Permitted Installation shall be carried out so as to minimise the nuisance and hazards arising from the Permitted Installation in respect of the presence of birds, vermin and insects. The Permitted Installation shall be inspected at least once every 2 months by a person suitably qualified and experienced in pest control and a treatment programme shall be undertaken immediately to deal with any identified infestation.

4 CONDITIONS APPLYING TO “ODOUR ABATEMENT SYSTEM”

4.1 Odour Abatement

4.1.1 Odour abatement and monitoring equipment shall be operated, maintained and calibrated according to the manufacturers instructions

4.2 Incident Prevention

4.2.1 The raw materials described in Table 4.2 shall only be stored on the Permitted Installation by the method as specified in that Table.

Table 4.2 - Raw Materials Handling and Storage

Description of Raw Materials	Location of Storage	Method of Storage
Fuel – diesel	Mobile Bowser usually within adjacent WML site	Double skinned plastic tank
Disinfectants (Virkon, powder and ready mixed)	Mixed in reception building Powder in locked shed	Bunded Area Sealed container
ABP category 3 wastes	Reception building	In Bays
Green/wood wastes	Reception building or concrete screening pad	N/A

4.3 Waste Handling and Storage

4.3.1 The waste materials described in Table 4.3 shall only be stored on the Permitted Installation by the method as specified in that Table.

Table 4.3 - Waste Handling and Storage

Description of Waste	Location of Storage	Method of Storage
VCU Compost	Maturation shed	In designated bays
Waste ‘dirty’ water	In front of reception building	Sealed 40,000 litre underground tank
General wastes (non-recyclables)	Within reception building	Skip
Scrap Metal (nails removed from waste wood)	On concrete screening pad	Designated Bin

5 APPENDIX A – LICENSED / permitted site Return Form

