



ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.

LICENCE REF No : EAWML/71453

FACILITY TYPE : COMPOSTING

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grant a waste management licence authorising the **keeping and treatment** of controlled waste on the land specified in schedule 1 to this licence to **M. Gaze and Co. Limited, Crossways Farm, Thurlton, Norwich, Norfolk, NR14 6NZ, Company No. 00951688** that person being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

SCHEDULE 1.- SPECIFIED LAND.

The licence relates to the land at **Crossways Farm Depot, Thurlton, Norwich, Norfolk, NR14 6NZ** (hereinafter called "the site") shown edged red on Drawing Reference Number 1, dated **05/12/05**, and attached to this licence.

Signed 
(Team Leader, Regulatory Waste)

Name Frank Saunders

Dated 14 December 2005

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED OVERLEAF.



EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the Secretary of State, a licence is granted subject to conditions, the applicant may appeal from the decision to the Secretary of State.

Therefore, if you feel aggrieved by the decision detailed on the attached notice, you may obtain the appropriate form on which to give written notice of an appeal from:-

The Planning Inspectorate
Environment Appeals Team
Room 215
Regus Building
1 Friary
Temple Quay
Bristol
BS1 6EA

For Wales, the address is:
The Planning Inspectorate
National Assembly for Wales
Environmental Protection Division
Crown Buildings
Cardiff
CF10 3NQ

Tel: 0117 344 5680, 5682 or 5683
Fax: 0117 344 5242

Tel: 02920 823859
Fax: 02920 825150

This notice of appeal should be accompanied by the following information:

a statement of the grounds of appeal;

a copy of the licence;

a copy of any correspondence relevant to the appeal;

a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development and

a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

You are also required to serve a copy of your notice of appeal, together with copies of any the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

SCHEDULE 2 – CONDITIONS RELATING TO THIS LICENCE

1 General considerations

1.1 **Specified waste management operations**

- 1.1.1 No waste management operations shall be authorised by this licence unless:
- a** specified in and undertaken in accordance with the limitations in section WP/1.1 and WP/4.410 of the working plan and in the following table; or
 - b** otherwise required by the conditions of this licence as being an integral part of those operations:

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
<p>R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>D15: Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Part III of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).</p>	All	<p>i) The storage of waste prior to shredding, post-shredding and prior to composting shall take place on areas of impermeable pavement provided in accordance with condition 2.1</p> <p>ii) No unpackaged waste shall be stored on site prior to treatment for longer than 72 hours. All unpackaged waste shall be stored within the building.</p> <p>iii) Maximum capacity of 200 tonnes of unpackaged waste being stored prior to treatment.</p> <p>iv) Maximum capacity of 600 tonnes of packaged waste being stored prior to treatment. No packaged waste shall be stored on site prior to treatment for more than 3 months.</p> <p>v) Maximum capacity of 50 tonnes of highly viscous organic waste to be stored in a tank.</p> <p>vi) Maximum storage capacity of 500 tonnes of treated packaging waste and inert material within the building.</p>
R2: Recycling or reclamation of organic substances which are not used as solvents.	All biodegradable waste	<p>i) the maximum quantity of waste being composted within the building shall not exceed 1000 tonnes at any one time.</p> <p>ii) the maximum quantity of waste being stored for maturation outside shall not exceed 3500 tonnes at any one time.</p> <p>ii) All shredding, composting and screening operations shall take place on areas of impermeable pavement provided in accordance with condition 2.1</p>
R3: Recycling or reclamation of metals and metal compounds.	15 01 04 – metallic packaging	<p>Treatment for recycling or reclamation in accordance with section WP/4.410 of the working plan consisting only of:</p> <p>Physical sorting or separation of waste into different components and size reduction using a shredder, shaker and trommel.</p>
R4: Recycling or reclamation of other inorganic materials.	<p>15 01 02 – plastic packaging</p> <p>15 01 05 - composite packaging</p> <p>15 01 06 – mixed packaging</p> <p>15 01 07 – glass packaging</p>	<p>Treatment for recycling or reclamation in accordance with section WP/4.410 of the working plan consisting only of:</p> <p>Physical sorting or separation of waste into different components and size reduction using a shredder, shaker and trommel.</p>

Specified Waste Management Operations and Exempt Waste Management Operations

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

1.2 **Permitted wastes**

Permitted categories and types of wastes

1.2.1 No wastes other than those which are both categorised below in Table 1.2.A and specified in detail in Appendix A to these conditions shall be accepted at the site.

Permitted quantities of wastes

1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2.A and specified in detail in section WP/1.1 of the working plan. Whilst complying with the maximum quantities specified for each type of waste, the total quantity of waste accepted at the site per year shall not exceed 52000 tonnes.

Table 1.2.A Permitted quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2 (tonnes/year)
Inert wastes	No limit subject to maximum storage capacities in Table 1.1
Metal wastes (non hazardous)	No limit subject to maximum storage capacities in Table 1.1
Hazardous Wastes	Not Permitted
Degradable Household Wastes Degradable Commercial Wastes Degradable Industrial Wastes (non hazardous)	No limit subject to maximum storage capacities in Table 1.1

Exclusion of wastes with other specified characteristics

1.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 and 1.2.2 above, wastes shall not be accepted at the site which have any of the following characteristics:

Table 1.2.B Excluded wastes of specified form and type

Waste Characteristic	Type
Form and Type:	Consisting solely or mainly of dusts or powders Odour producing or likely to be odour producing Category 1 Animal By-products Category 2 Animal By-products

1.3 **Hours of operation**

No condition set – the permitted operating hours are covered by the planning permission.

1.4 **Staffing and understanding of requirements of licence conditions and working plan**

Minimum staffing and supervision

1.4.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment or disposal operations, it shall be supervised in accordance with section WP/1.5 of the working plan by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence and the working plan regarding:

- a** waste acceptance and control procedures;
- b** operational controls and environmental monitoring;
- c** maintenance;
- d** record-keeping;
- e** emergency action plans;
- f** notifications to the Agency.

Availability of licence and working plan

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

Understanding of licence and working plan

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

Attendance of Technically Competent Persons

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

1.5 **Changes in technically competent persons**

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

1.6 **Relevant convictions**

Notification of relevant convictions

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

Notifications of appeals against convictions

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

1.7 **Amendments to working plan and supporting information**

Amendments to working plan requiring prior consent from the Agency

- 1.7.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to those sections of the working plan which are specified in Table 1.7 below, and to any appendices, drawings and figures which are referenced in those sections.

Table 1.7 Sections of working plan requiring prior consent for amendments

Number and Heading of Working Plan Sections and Appendices	Sections, Subsections and Appendices requiring Prior Consent for Amendments
1. Introduction: site description, characterisation of risk	1.1, 1.2, 1.5
2. Site engineering for pollution prevention and control	All
3. Site infrastructure	All
4. Site operations	All
5. Pollution Control, Monitoring and Reporting Systems	All
6. Amenity Management and Reporting	All
7. Site records	All
Appendices	All

1.7.2 The notice shall be accompanied by a copy of the proposed changes, and by a written assessment of the effect that implementing the proposed change to the working plan would have on the risk posed by the site to human health and the environment.

1.7.3 The Licence Holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency, when required by the Agency in writing.

1.7.4 The proposed change to the working plan shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change, and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that section.

Amendments to the working plan requiring prior notification to the Agency

1.7.5 Except where it is specified under condition 1.7.1 above that the amendment of specified sections of the working plan requires the prior consent of the Agency, the Licence Holder shall give the Agency not less than 7 days prior written notice of any change to the working plan and to any appendices, drawings and figures which are referenced from those sections.

1.7.6 The notice shall be accompanied by a copy of the specified changes.

1.7.7 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.

1.7.8 Such changes to the working plan shall be deemed to be incorporated in the working plan and implemented on the date specified to the Agency in the amendment notification.

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

1.8.1 The following information shall be notified in writing within 5 working days to the Agency:

a where the Licence Holder is a registered company:

- i** i) any change in the Licence Holder's trading name, registered name or registered office address;

- ii** ii) any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
- iii** the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);

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

Specified waste management operations

- 1.9.1 No specified waste management operation shall be carried out until at least 7 days prior notice in writing has been given to the Agency of the intention to commence carrying out the specified waste management operation.

Cessation and recommencement of receiving wastes

- 1.9.2 In the event that the site ceases receiving wastes for longer than 21 days then within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Agency not less than 7 days prior notice in writing.

1.10 **Notifications and submissions to Agency**

- 1.10.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:
- a** shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
 - b** shall quote the licence reference number and the name of the Licence Holder.

2 Site engineering for pollution prevention and control

2.1 Engineered site containment and drainage systems

Provision and maintenance of site containment and drainage systems

2.1.1 No waste shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition and section WP/2.210 of the working plan and the following documents:

Figures 3A and 3B and Appendix C of the working plan showing:

- a** Layout of areas of hardstanding;
- b** Layout of areas of impermeable pavement; and
- c** Layout of drainage systems, including details of following, where provided:
 - i** kerbing;
 - ii** interceptors ;
 - iii** discharge points ;
 - iv** sumps;
 - v** sealed drainage;
 - vi** isolation systems;
- d** Location and layout of covered buildings and roofed areas, where provided;
- e** Location and design of fixed tanks – above ground and underground – where provided, with layout of bunds and impermeable pavements or other engineered secondary containment;

2.1.2 The engineered site containment and drainage systems shall be constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose and to meet the standards specified in section WP/2.210 of the working plan and the standards specified in Table 2.1 below:

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Impermeable pavement, bunding and sills	Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.
b) Sealed drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by a sealed drainage system, that is comprised of a drainage system with impermeable components which does not leak and which will ensure that:-</p> <ul style="list-style-type: none">• No liquid will run off the pavement other than via the system; and• Except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump or lagoon. <p>i) The minimum capacity of the sealed sump or lagoon shall be calculated using the 48 hour M5 Rule. The sump or lagoon shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 90% of its capacity as measured using a dipstick or equivalent gauge or in the case of a lagoon some other readily identifiable marker, and constructed and maintained so as to collect and contain all liquids which run off the pavement;</p> <p>ii) inspections and emptying of sealed sumps or lagoons shall be recorded in the site diary.</p> <p>iii) uncontaminated drainage from clean yard areas shall be: -</p> <ul style="list-style-type: none">• kept separate or discharged to either surface water or sewer or watercourse or soakaway and/or• discharged to a sealed sump or lagoon for use in the compost process.
c) Enclosed buildings	<p>Where wastes are stored and treated in a building:</p> <p>i) the building shall be designed, constructed and maintained to prevent ingress of rain and surface water.</p> <p>ii) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a watercourse or a soakaway.</p>
d) Fixed bays and other fixed containers	All fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.
f) Inspection and maintenance of engineered containment	<p>All areas of impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and other containers:</p> <p>i) Shall be inspected no less frequently than monthly to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary; and</p> <p>ii) In the event of any damage occurring which breaches the integrity of the engineering containment so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or treating waste in the affected area, shall notify the Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.</p>

Construction quality assurance of new site containment and drainage systems

2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition until:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with section WP/2.210 of the working plan and the other requirements of this condition;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency and has been acknowledged in writing by the Agency.

Construction quality assurance of existing site containment and drainage systems

2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:

- a** details of the identities, relevant experience and relevant qualifications of the suitably qualified Engineer who will be providing inspection and validation of the existing engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system for that area has been inspected by the designated Engineer and has been maintained or improved, in accordance with their recorded advice, to meet the standards specified in section WP/2.210 of the working plan;
- c** the Validation Report confirming that the engineered site containment and drainage system meets the specified standards has been submitted in writing to the Agency and has been acknowledged in writing by the Agency.

Site infrastructure

3.1 **Provision of site identification board**

- 3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- a** Site name and address;
 - b** Licence Holder name (company name, not individual name unless justified as necessary);
 - c** Operator name (company name, not individual name unless justified as necessary);
 - d** Licence number;
 - e** Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
 - f** Statement that the site is licensed by the Environment Agency;
 - g** Agency national numbers: 08708 506506 and 0800 807060;
 - h** Days and hours site is open to receive waste.

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

3.2 **Site security**

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with section WP/3.2 of the working plan.

4 Site operations

4.1 **Control of mud and debris**

Prevention of mud and debris on road

4.1.1 Whenever the site is receiving or despatching wastes, measures shall be provided, operated and maintained in accordance with section WP/4.140 of the working plan, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.

4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary using the specified equipment and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud and debris on road

4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with section WP/4.140 of the working plan.

4.2 **Potentially polluting leaks and spillages of waste**

Potentially polluting leaks and spillages from vehicles, plant and equipment

4.2.1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes.

Potentially polluting leaks and spillages from fixed tanks

4.2.2 Each tank used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, shall be:

- a** loaded and unloaded in accordance with specified filling and emptying procedures;
- b** clearly and unambiguously labelled regarding its contents;
- c** provided with means for measuring the quantity of material and the void space in the tank, which shall be maintained and calibrated as specified;
- d** monitored for quantity of material and void space and the monitoring measurements recorded;
- e** inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- f** in the event of damage or deterioration to a tank that is, or is likely to cause, a leak, that tank shall be repaired immediately;

and these actions shall be carried out in accordance with section WP/4.151 of the working plan.

Control and remediation of leaks and spillages

- 4.2.3 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, in accordance with section WP/4.151 of the working plan and the standards specified in Table 4.2.

Table 4.2 Standards for prevention and control of leaks and spillages

Action	Specified standards
Control and remediation of leaks and spillages	i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids and placed in alternative containers.
	ii) Major spillages, which are causing or are likely to cause polluting emissions to the environment: <ul style="list-style-type: none">• Immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground;• The spillage shall be cleared immediately and placed in alternative containers;• The Agency shall be informed immediately.

4.3 **Fires on the site**

Prohibition of unauthorised fires on site

- 4.3.1 No wastes shall be burned on the site.

Fire action plan

- 4.3.2 In the event of a fire on the site, a fire action plan shall be implemented immediately and recorded, in accordance with section WP/4.153 of the working plan.

4.4 **Waste acceptance and control procedures**

Waste acceptance procedures

- 4.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with section WP/4.210 of the working plan.

Waste control procedures

- 4.4.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with section WP/4.210 of the working plan.

Waste despatch procedures

- 4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with section WP/4.210 and WP/4.220 of the working plan.

Incompatible wastes

- 4.4.4 Incompatible wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas, in accordance with section WP/4.210 of the working plan.

4.5 **Waste quantity measurement systems**

Means of measurement

- 4.5.1 All wastes accepted at and despatched from the site shall be measured in accordance with section WP/4.230 of the working plan.

4.6 **Composting process, plant and equipment and procedures**

Composting and related activities

- 4.6.1 Composting and related activities shall only be carried out on the site in accordance with section WP/4.410 of the working plan and the standards specified in Table 4.6 below.

Table 4.6 Standards for composting process

Process requirement	Specified standards
In vessel temperature monitoring	<p>i) Waste being composted shall be maintained at:</p> <p>(a) an internal temperature of at least 70 degrees C for one hour and then 55 degrees C thereafter for at least fourteen consecutive days.</p> <p>ii) The internal temperature of each vessel shall be measured on a daily basis. Measurements will be taken at a minimum of 6 points on the surface of each vessel.</p> <p>iii) Records shall be made in the site diary of the date and results of the temperature monitoring.</p> <p>Vessels shall be aerated to ensure that aerobic conditions are maintained within the vessel.</p>
In vessel composting moisture content	<p>i) the moisture content within each vessel shall be maintained between 40% (w/w) and 60% (w/w) during composting.</p> <p>ii) Unless otherwise agreed in writing with the Agency, the moisture content within each vessel shall be monitored using a daily moisture meter. Measurements shall be taken at the centre and inside surface of each vessel at 5 metre intervals.</p> <p>iii) Where in vessel forced aeration is used moisture measurements shall be carried out daily by monitoring the air leaving the vessel.</p> <p>iv) Where the moisture content in a vessel has been measured as being above 60% (w/w), remedial action shall be taken to lower the moisture content to between 40 and 60% (w/w).</p> <p>v) Where the moisture content in a vessel has been measured as being below 40% (w/w), remedial action shall be taken to increase the moisture content to between 40 and 60% (w/w)</p> <p>v) records shall be made in the site diary of the date and results of moisture content monitoring.</p>

4.7 **Removal of residual wastes from site**

- 4.7.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 6 months, then, notwithstanding the operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, decontamination of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

5 Pollution control, monitoring and reporting

5.1 **Monitoring, control and reporting of bioaerosol emissions**

5.1.1 Measures to monitor, control and minimise the emission of bioaerosols from the site shall be carried out throughout the operational life of the site, in accordance with this condition and section WP/5.103 of the working plan.

Monitoring and sampling records

5.1.2 A record of the bioaerosol monitoring and sampling results shall be made and submitted to the Agency in accordance with section WP/5.103 of the working plan.

6 Amenity management and reporting

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

6.1.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with this condition and section WP/6.010 of the working plan.

6.1.2 All emissions to air from the specified waste management operations on the site shall be free from visible concentrations of dusts, fibres or particulates as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

6.1.3 In the event that any dusts, fibres or particulates arising from the site are released or are likely to be released onto public areas outside the site boundary in such quantities or concentrations that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, the actions specified in section WP/6.010 of the working plan, shall be implemented immediately.

6.2 **Control of odours**

6.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with this condition and section WP/6.020 of the working plan.

6.2.2 All emissions to air from the specified waste management operations on the site shall be free from odours at levels as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

6.2.3 In the event that any odours arising from the site are released or are likely to be released onto public areas outside the site boundary at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, the actions specified in section WP/6.020 of the working plan shall be implemented immediately.

6.3 **Control of pest infestations**

6.3.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of pests on the site, in accordance with section WP/6.040 of the working plan.

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

6.4.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of scavenging birds and other scavengers on the site, in accordance with section WP/6.041 of the working plan.

6.5 **Control of litter**

6.5.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site, in accordance with section WP/6.050 of the working plan.

6.5.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after the end of the working day.

7 Site records

7.1 Security and availability of records

Security of records

- 7.1.1 All records which are required to be made under the other conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with section WP/7.1 of the working plan.

Availability of records

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

7.2 Records of waste movements

Recording of wastes accepted and removed

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

Summary records of wastes accepted and removed

- 7.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter of the financial year, and shall be submitted to the Agency within 1 month following the end of the quarter. The summary record shall be in a format agreed with the Agency in writing.

7.3 Site diary

- 7.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence:
- a** construction work
 - b** start and finish of daily waste management activities on site

- c** maintenance
- d** breakdowns
- e** emergencies
- f** problems with waste received and action taken
- g** site inspections and consequent actions carried out by the operator
- h** technically competent management attendance on site: the date and the time onto site and time left site
- i** despatch of records to the Agency
- j** severe weather conditions
- k** complaints about site operations and actions taken
- l** environmental problems and remedial actions

7.3.2 Each record shall be completed within 24 hours of the relevant event.

7.4 **Periodic reporting of environmental performance**

7.4.1 The Licence Holder shall provide the Agency on a four monthly basis, within 1 month of bioaerosol monitoring being carried out, or such other time as is agreed in writing with the Agency, a report on the environmental performance of the site, which shall include the following information:

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

Interpretation

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

“accepted”

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

“authorised officer of the Agency”

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

“consequences”

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

“engineer”

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

“engineered”

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

“engineered site containment and drainage system”

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

“engineering”

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

“engineering survey”

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

“environmental targets or receptors”

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

“groundwater”

means any water contained in underground strata;

“hazard”

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

“immediately”

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

“inert waste “

means waste which when disposed of in or on land does not undergo any significant physical, chemical or biological transformation;

“maintenance”

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

“preparatory works”

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

“probability”

means the quantified expression of chance, denoted either as:

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

“received”

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

“release pathways”

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

“relevant offences”

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

“risk”

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

“risk assessment”

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

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

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

“scope of risk assessment”

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

“special waste”

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

“specified waste management operations”

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

“surface water”

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

“the 1994 Regulations”

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

“the Agency”

means the Environment Agency;

“the Licence Holder”

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

“the operator”

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

“the site”

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

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

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

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

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

“waste”

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

“working plan”

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

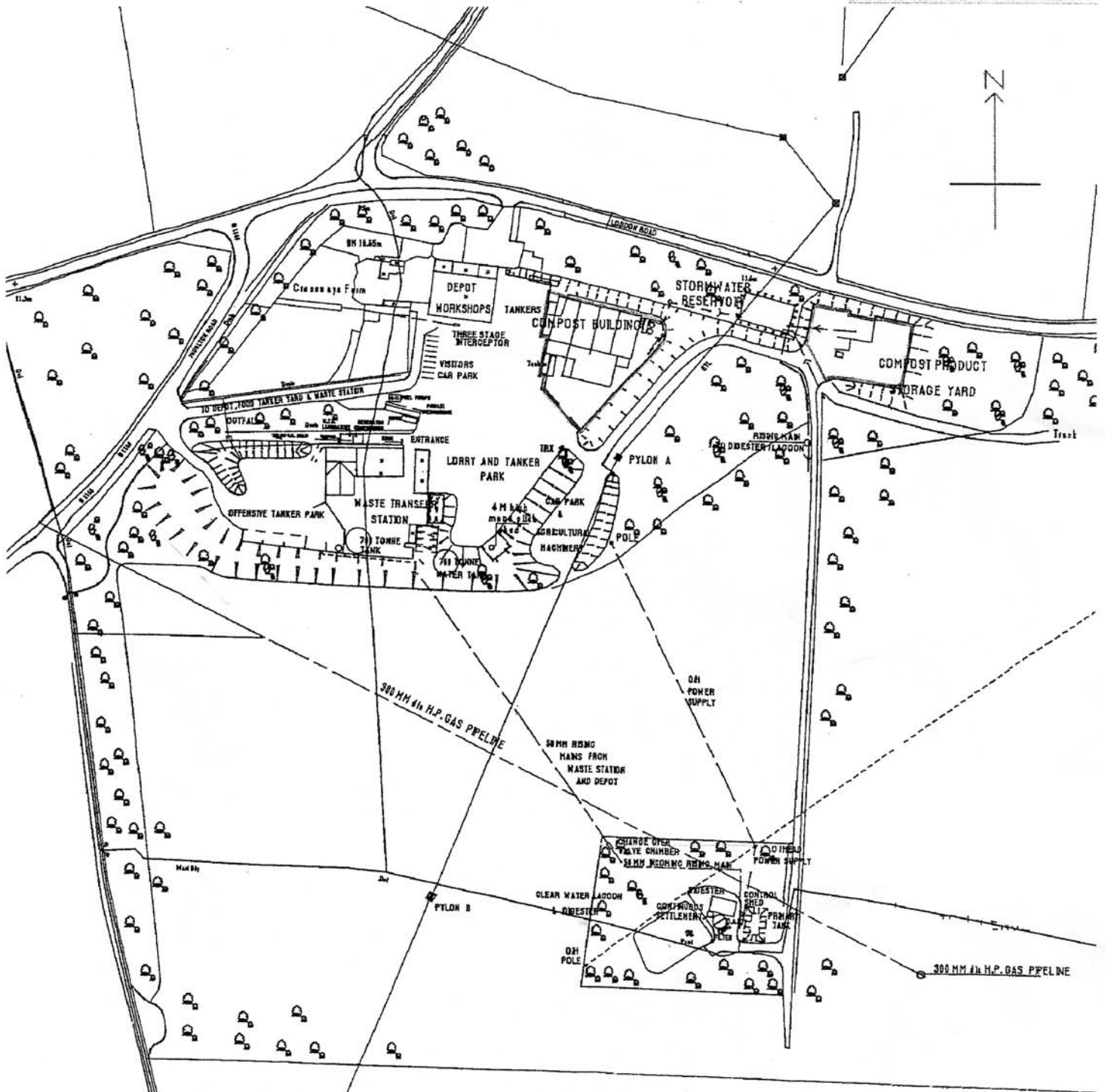
Appendices to conditions

Appendix A – Permitted Wastes (Condition 1.2.1)

European Waste Catalogue	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), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	Sludges from washing and cleaning
02 02 02	Animal tissue waste
02 02 03	Materials unsuitable for consumption or processing
02 02 04	Sludges from on-site effluent treatment
02 03	Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing
02 03 01	Sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	Wastes from preserving agents
02 03 03	Wastes from solvent extraction
02 03 04	Materials unsuitable for consumption or processing
02 03 05	Sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	Sludges from on-site effluent treatment
02 05	Wastes from the dairy products industry
02 05 01	Materials unsuitable for consumption or processing
02 05 02	Sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	Materials unsuitable for consumption or processing
02 06 02	Wastes from preserving agents
02 06 03	Sludges from on-site effluent treatment
02 07	Wastes from the production of alcohol and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	Wastes from the washing, cleaning and mechanical reduction of raw materials
02 07 02	Wastes from spirits distillation
02 07 03	Wastes from chemical treatment
02 07 04	Materials unsuitable for consumption or processing
02 07 05	Sludges from on-site effluent treatment
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
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 05	De-inking sludges from paper recycling
03 03 07	Biodegradable mechanically separated rejects from pulping of waste paper and cardboard
03 03 10	Biodegradable Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	Sludges from on-site effluent treatment other than those mentioned in 030310

15	Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not Otherwise Specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
19	Wastes from Waste Management Facilities, Off-Site Waste Water Treatment Plants and Preparation of Water Intended for Human Consumption/Industrial Use
19 06	Wastes from anaerobic treatment of waste
19 06 05	Liquor from anaerobic treatment of animal and vegetable waste
19 06 06	Digestate from anaerobic treatment of animal and vegetable waste
19 08	Wastes from waste water treatment plants not otherwise specified
19 08 05	Sludges from treatment of urban waste water
19 09	Wastes from the preparation of water intended for human consumption
19 09 01	Solid waste from primary filtration and screenings
19 09 02	Sludges from water clarification
20	Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Waste) Including Separately Collected Fractions
20 01	separately collected fractions (except 15 01)
20 01 01	Paper and cardboard
20 01 08	Biodegradable kitchen and canteen waste
20 01 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 03	other municipal wastes
20 03 02	waste from markets
20 03 03	Street cleaning residues
20 03 04	Septic tank sludge
20 03 06	Wastes from sewage cleaning

Map of M. Gaze & Co Ltd Site Boundary



Drawing ref. 1

05/12/05

Site Plan 1:2500

Centre Coordinates: 641640 297125

National Grid sheet reference at centre of this Siteplan: TM4197