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**Environment
Agency**

ENVIRONMENTAL PROTECTION ACT 1990 WASTE MANAGEMENT LICENCE

LICENCE REF No :- EAWML/43702
FACILITY TYPE :- COMPOSTING

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grants a waste management licence authorising the keeping and treatment of controlled waste on the land specified in Schedule 1 to this licence to **Yorkshire Aggregates Quarrying Limited, Wroot Road Quarry, Wroot Road, Finningley, Doncaster, South Yorkshire, DN9 3DU (company registration number 4258083)**, those persons 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 **Wroot Road Quarry, Wroot Road, Finningley, Doncaster, South Yorkshire, DN9 3DU (national grid reference SE 69200 00500)** (hereinafter called "the site") shown edged red on Drawing Reference Number BB20061000, entitled "Site plan", dated 10 January 2006 and attached to this licence.

Signed: [REDACTED]
(Acting Regulatory Waste Team Leader)

Name: [REDACTED]

Dated: 12th October 2006

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE NOTES AT
THE END OF THIS LICENCE.**

Environment Agency, Lower Trent Area, Trentside Offices, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

WML Number: EAWML/43702
Issued: 12 October 2006

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 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
R2: Recycling or reclamation of organic substances which are not used as solvents (by the biological treatment process of composting with associated physical treatment by way of shredding and screening).	All	<ul style="list-style-type: none">i) The maximum quantity of waste being:<ul style="list-style-type: none">• stored prior to composting,• composted, and• stored for maturation, shall not exceed a total of 5,000 tonnes at any one time.ii) All shredding, composting and screening operations shall be carried out on areas of impermeable pavement provided in accordance with condition 2.1.
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).	All	<ul style="list-style-type: none">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.ii) No waste shall be stored on site prior to composting for longer than 5 days.

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.

Table 1.2B Excluded wastes of specified form and type

Waste Characteristic	Type
Form and type:	Consisting solely or mainly of dusts or powders Wastes that are in a form which is either sludge or liquid Odour producing or likely to be odour producing

1.3 Staffing and understanding of requirements of licence conditions

Minimum staffing and supervision

1.3.1 Whenever the site is open to receive or dispatch wastes, or is carrying out any of the specified waste management operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence regarding:

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

Availability of licence

1.3.2 A copy of this licence 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

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

Attendance of Technically Competent Persons

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

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

Specified waste management operations

- 1.8.1 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 specified waste management operations

- 1.8.2 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 it is intended that the site shall recommence receiving wastes sooner than the notified date then the Licence Holder shall give the Agency not less than 7 days prior notice in writing.

1.9 **Notifications and submissions to Agency**

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

2 **Site engineering for pollution prevention and control**

2.1 **Engineering site containment and drainage systems**

Provision and maintenance of site containment and drainage systems

- 2.1.1 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 condition 2.1.2.
- 2.1.2 The engineered site containment and drainage systems shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose, and meet the standards specified in Table 2.1 below.

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 for which an engineered site containment and drainage system is to be newly constructed to meet the requirements of this condition unless:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with the other requirements of condition 2.1;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area.

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 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 be fit for purpose in that:
 - i** areas of impermeable pavement are laid to take weight of relevant vehicles, plant and equipment without cracking or breaking; and
 - ii** areas of impermeable pavement are free from cracks which could increase permeability; and
 - iii** areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
 - iv** areas of impermeable pavement fall towards the drainage system to prevent ponding; and
 - v** no liquid will run off areas of impermeable pavement other than via the drainage system; and
 - vi** the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement; and
 - vii** liquid from the drainage system is disposed of to an approved discharge.

Table 3.2 Site security system standards

Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Unless otherwise agreed in writing by the Agency, this shall consist of a chainlink security fence at least 1.8 metres high around the perimeter of the site, which shall meet the standards specified in British Standard BS1722 or an agreed alternative, and shall have a lockable gate to at least the same height and standard at the site access.
Operational standards	The site shall be kept closed and secure at all times when unattended.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.

4 Site operations

4.1 Control of mud and debris and loose waste

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 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.
- 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 and shall be checked to ensure that they are clear of loose waste and that any waste is secure.

Remediation of mud and debris on road

- 4.1.3 In the event that mud, debris or waste arising from the site is deposited onto public areas outside the site, the following remedial measures shall be implemented immediately:
- a** the affected public areas outside the site shall be cleaned;
 - b** traffic shall be isolated from sources of mud and debris within the site to prevent further tracking of mud and debris, and measures shall be taken to clear any such sources as soon as practicable.

4.4 **Waste acceptance and control procedures**

Waste acceptance procedures

- 4.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with the standards specified in Table 4.4 below.

Waste control procedures

- 4.4.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with the standards specified in Table 4.4 below.

Waste despatch procedures

- 4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with the standards specified in Table 4.4 below.

Table 4.4 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
a) Waste inspection	All wastes received at the site: <ul style="list-style-type: none">i) shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation.ii) shall be kept separate from and shall not be mixed with other wastes until they have been confirmed and recorded for acceptance at the site.
b) Waste control procedures: quarantine storage and rejection of wastes	<ul style="list-style-type: none">i) Any items of non-permitted waste which are detected after acceptance at the site, shall be placed immediately in a designated quarantine container, and, where these are or appear to be special wastes, the Agency shall be informed immediately;ii) In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible;iii) Quarantined wastes shall be removed from site within 7 days;iv) The maximum quantity of wastes kept in the quarantine storage area shall be 4.6m³ at any one time.v) A record shall be kept in the site diary of all rejected wastes and all wastes kept in quarantine storage.
c) Waste despatch procedures	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.

4.5 **Waste quantity measurement systems**

Means of measurement

- 4.5.1 All waste accepted at and despatched from the site shall be measured in accordance with either of the following requirements:

Table 4.6 Standards for waste composting procedures

Process requirement	Specified standards
Windrow turning and internal temperature monitoring	<p>Windrows shall be maintained at either:</p> <ul style="list-style-type: none">i) an internal temperature of at least 55°C for at least fourteen consecutive days with a minimum of five turnings, orii) an internal temperature of at least 65°C for at least seven consecutive days with a minimum of three turnings. <p>The internal temperature of each windrow shall be measured using a long-stem thermometer of at least 1.5 metres in length on a daily basis at least at five metre centres throughout the windrow length.</p> <p>Windrows shall be turned at a frequency that maintains aerobic conditions within the windrow.</p> <p>Records shall be made in the site diary of the date and results of internal temperature monitoring and the date on which each windrow is turned.</p>
Windrow moisture content	<p>Windrow moisture content shall be maintained between 40% (w/w) and 60%(w/w) during composting.</p> <p>Unless otherwise agreed in writing with the Agency, the moisture content of each windrow shall be monitored daily using a moisture touch test at least at 5 metre centres throughout the windrow length.</p> <p>Where the moisture content of a windrow has been measured as being above 60% (w/w), remedial action shall be taken to decrease the moisture content to between 40 and 60% (w/w). Such remedial action shall include, but not be restricted to, an increase in turning frequency and/or the addition of drier material from another windrow or a drier feedstock.</p> <p>Where the moisture content of a windrow 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). Such remedial action shall include, but not be restricted to, either:</p> <ul style="list-style-type: none">i) the addition of water or leachate from the sealed sump or lagoon onto the surface of the windrow whilst the windrow is being turned, orii) the addition of water or leachate from the sealed sump or lagoon to the surface of the windrow and into a trough made in the upper surface of the windrow and subsequently turned. <p>Records shall be made in the site diary of the date and results of moisture content monitoring.</p>

Table 5.2 Standards for monitoring and control of emissions of odours

a) Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none">• by the site manager or supervisor, at least twice a day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and• by site staff supervising individual waste handling operations, during the carrying out of those operations.
b) Odorous emissions action plan	<p>i) On detection or notification of aerial emissions of odour that are or are likely to be transported beyond the site boundary at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action shall be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste.</p> <p>ii) The incident and the remedial action shall be recorded in the site diary.</p>

5.2.2 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.

5.3 Monitoring and control of pest infestations

5.3.1 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 the standards specified in Table 5.3. The objective of these measures shall be to prevent pest infestations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 5.3 Standards for monitoring and control of pest infestations

Specified standards	
a) Monitoring of pest infestations	An inspection of stored or composting wastes for pest infestations shall be carried out at least at weekly intervals by the site supervisor, and shall be recorded in the site diary.
b) Pest infestations action plan	<p>i) On detection or notification of pest infestations, immediate action shall be taken to secure the attendance of a professional pest control contractor, to eliminate the pest infestation.</p> <p>ii) The incident and the remedial action shall be recorded in the site diary.</p>

5.4 Control of scavenging birds and other scavengers

5.4.1 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 the standards specified in Table 5.4. The objective of these measures shall be to prevent scavenging birds and other scavengers from gathering on operational areas or scavenging wastes in such numbers that are likely to cause harm to human health or serious detriment to the amenity of the locality.

Table 6.1 Standards for keeping of site records

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

6.2 Records of waste movements

Recording of wastes accepted and removed

6.2.1 A record shall be kept of each load of waste accepted and each load of waste removed from the site. This record shall include the following details:

- a** Loads in:- Nature (solid), 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

6.2.2 A summary record of the waste types and quantities accepted and removed from the site shall be made for each quarter of the financial year and shall be submitted to the Agency within 1 month following the end of that quarter. The summary record shall be in the format specified by the Agency in writing.

6.3 Site diary

6.3.1 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 the 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

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

"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);

"maintenance"

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

"moisture touch test"

means taking a sample of composting material and gently compressing it. If the material adheres together without liquid seeping out, then the moisture content is between 40 and 60% (w/w). If liquid seeps out, then the moisture content is above 60% (w/w). If the material fails to adhere together, then the moisture content is below 40% (w/w).

"received"

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

"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;

"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;

Explanatory notes – including rights of appeal

These notes are for general guidance only and do not constitute an authoritative statement of the law.

Appeals

If a licence holder is aggrieved by the decision of the Agency to grant a Waste Management Licence subject to conditions he or she may appeal to the Secretary of State in accordance with Section 43 of the Environmental Protection Act 1990.

Notice of an Appeal must be given within 6 (six) months of the date of issue of this licence. The Secretary of State has power to allow a longer period for the giving of Appeal but he or she will not normally be prepared to exercise this power unless there are special circumstances that excuse the delay in giving notice of an Appeal.

A copy of the form on which notice of an Appeal may be given is available from:-

Environment Appeals Team
Planning Inspectorate
Room 4/12 Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

Notification Address

Any notification the Licence Holder is required to make by the conditions of this licence shall be made to:

The Environment Planning Manager
Environment Agency
Lower Trent Area
Trentside Offices
Scarrington Road
West Bridgford
NOTTINGHAM
NG2 5FA

Telephone: (0115) 945 5722
Facsimile: (0115) 981 7743

Section 37

The Environment Agency may modify the conditions of a licence on its own initiative, or on the application of the licence holder (accompanied by the appropriate fee), or on the direction of the Secretary of State. The licence holder may appeal to the Secretary of State if he or she is aggrieved by the decision of the Agency in modifying the conditions of a licence.

Section 38

Provides for the Environment Agency to revoke or suspend all or part of a licence if the licence holder has ceased to be a "fit and proper person" or activities authorised by the licence have caused or is about to cause pollution of the environment, harm to human health or become serious detriment to the amenities of the locality, and the pollution, harm or detriment cannot be avoided by modifying the conditions.

A person who continues to operate whilst the licence has been suspended or after it has been revoked, without reasonable excuse shall be guilty of an offence liable to a fine, imprisonment, or both.

Section 39

If the licence holder wishes to surrender this licence, he or she must apply to the Environment Agency (enclosing the prescribed fee). The Agency will only accept the surrender if it is satisfied that the condition of the land is such that it is unlikely to cause pollution of the environment or harm to human health as a result of the use of the land for the treatment, keeping or disposal of waste.

Section 40

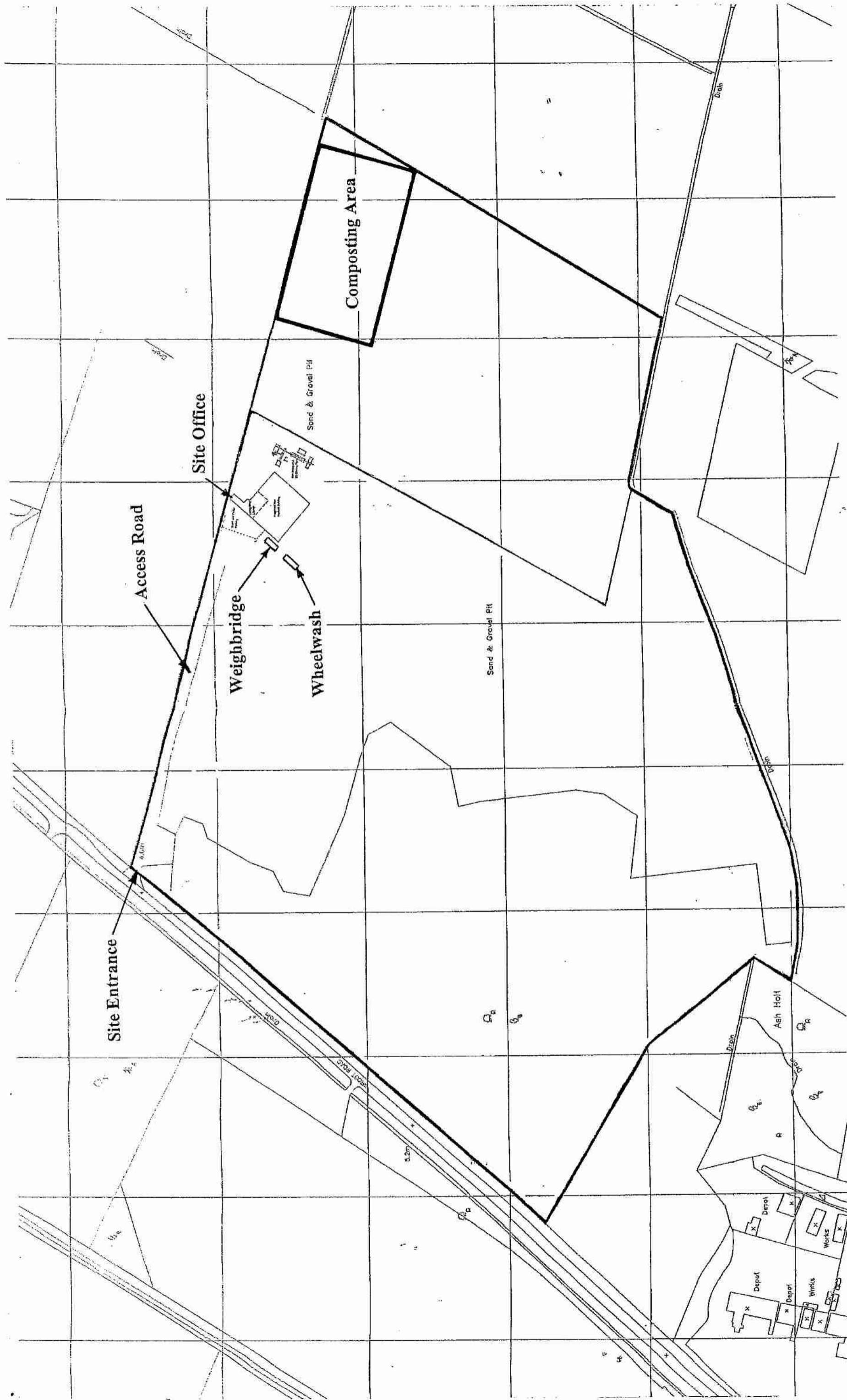
If the licence holder wishes to transfer the licence to another person ("the transferee,") the licence holder and the transferee shall jointly make an application to the Environment Agency (enclosing the prescribed fee). The Agency will not effect the transfer unless it is satisfied that the transferee is a Fit and Proper Person.

Section 41

Provides a scheme of charges which are payable in respect of the subsistence of the licence and, on application, for modification, transfer or surrender of the licence. Non payment of the subsistence charge may lead to partial revocation of the licence.

Section 71

Provides for the Environment Agency to serve a notice in writing on any person, requiring that person to furnish such information specified in the notice within a specified period. If that person fails to comply with the notice or knowingly makes a false or reckless statement, he or she may be liable to a fine, imprisonment or both.



Site Plan

Plan Ref No BB20061000

Scale 1 : 2,500

Date: 10 January 2006