



Asiantaeth yr  
Amgylchedd Cymru  
Environment  
Agency Wales

# Modification of Waste Management Licence

Environmental Protection Act 1990

Section 37(1)(a)

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**L A S Waste Ltd.**  
Tregaron Road,  
Lampeter,  
Ceredigion.  
SA48 8LT

Authorisation number

EAWML 34288

Effective date

22 March 2007



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## AUTHORISATION

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## Introduction

### ***This note does not form part of the authorisation.***

This licence is granted under Section 35 of the Environmental Protection Act 1990. It consists of the authorisation certificate, the site plan and subsequent conditions.

The licence is written to prevent the authorised activities causing pollution of the environment or harm to human health.

You are reminded that it is an offence under Section 33 of the Environmental Protection Act 1990 not to comply with the terms of this licence.

This licence does not free you from the need to comply with any other regulatory regimes controlled by other bodies (such as planning or environmental health etc).

The Agency is required to maintain an up to date copy of this licence on the public register which is freely available to anyone wishing to view it.

If you wish to transfer or surrender the licence, or modify any of its conditions, you cannot do so without the consent of the Agency. Further advice can be obtained on these issues or any other aspect of the licence from your local Environment Agency office.

## 1. INTRODUCTION

### 1.1. THE MAIN PURPOSE AND SCOPE OF THE DOCUMENT

This document is intended to provide a clear and concise overview of the project's objectives, scope, and deliverables. It is intended to be used as a reference for all project team members and stakeholders.

The document is organized into several sections, each covering a specific aspect of the project. The sections are as follows:

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The project is intended to be completed by the end of the year 2007. It is expected that the project will be completed on time and within budget.

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## Status Log

| Detail                                     | Date       | Comment  |
|--|------------|--|
| Application Received                       | 24/02/2006 |  |
| Application Duly Made                      | 13/03/2006 |  |
| Licence drafted for consultation           | 09/08/06   | Consulted with HSE and<br>Ceredigion County Council<br>Countryside Council for Wales |
| Relevant Convictions assessed and approved | 29/03/2006 |  |
| Financial Provision Approved               | 19/05/2006 |  |
| Technical Competence Assessment Passed     | 30/05/2006 |  |
| Licence Issued                             | 19/09/2006 |  |
| Licence Effective From                     | 25/09/2006 |  |
| Licence Modified                           | 21/03/2007 | Complete Review  |
|  |            |  |
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## Notice of Modification of Waste Management Licence

Authorisation Number:  
**EAWML 34288**

To: The Company Secretary, L A S Waste Ltd

Of: Tregaron Road, Lampeter, Ceredigion, SA48 8LT.

Licensed facility: LAS Waste Ltd., Tregaron Road, Lampeter, Ceredigion,  
SA48 8LT.

**WHEREAS** on the 19 September 2006 The Environment Agency issued a waste management licence in exercise of its powers under section 36 of the Environmental Protection Act 1990, for the above named facility to L A S Waste Ltd

**NOTICE IS HEREBY GIVEN** that the Agency modifies the conditions of the said licence in accordance with Section 37(1)(a) of the Environmental Protection Act 1990 and as set out in the Schedule attached to this notice.

This modification shall take effect on 22<sup>nd</sup> March 2007 at 00.01 hours.

Signed

**Audrey Evans – Regulatory Waste Team Leader**





# **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 table 1.1 and table 4.4; or
- b** otherwise required by the conditions of this licence as being an integral part of those operations:

1.1.2 The Operator shall assess the risk of flooding to the area outlined in green and identified as the "Lower Yard" on Drawing No. ES1076.001 and:

- a** provide and implement a flood risk action plan with procedures to mitigate the impacts of polluting substances entering controlled waters.
- b** no wastes shall be stored or treated in this area until this plan has been submitted to and agreed in writing by the Agency

1.1.3 Composting activities, including the storage of wastes to be submitted to this activity, shall not commence until:

- a** Appendix D of the working plan has been submitted to the Agency;
- b** the bio-aerosol risk assessment required by condition 5.1.1 of this licence has been submitted to the Agency;
- c** both of the above have been agreed in writing by the Agency;
- d** where the waste types to be composted fall under the Animal By-Products Regulations, the Agency have consulted with the State Veterinary Service (or any subsequent equivalent organisation) on the proposals and the proposals have been agreed in writing by the Agency;

1.1.4 The storage of clinical wastes shall not commence until Appendix E of the working plan has been submitted to, and agreed in writing by the Agency.



Table 1.1: Licensed activities

| Description of Activities  | Limits of Activities   |
|--|--|
| <b>D15:</b> Storage of waste pending any of the operations listed in paragraphs 1 to 14 of Part III of Schedule 4 of the 1994 Regulations, but excluding temporary storage, pending collection, on the site where it is produced.                                    | <p>The maximum quantity of hazardous waste received at the site for disposal shall not exceed 10 tonnes per day.</p> <p>The maximum quantity of hazardous waste stored at the site for disposal shall not exceed 10 tonnes.</p>                        |
| <b>R13:</b> Storage of waste pending any of the operations listed in paragraphs 1 to 12 of Part IV of Schedule 4 of the 1994 Regulations, but excluding temporary storage, pending collection, on the site where it is produced.                                     | <p>All waste must be kept on impermeable pavement with sealed drainage.</p> <p>Maximum storage time for biodegradable wastes, other than those wastes to be submitted to a composting operation, shall be 72 hours.</p>                                |
| <b>D14:</b> Repackaging of waste prior to waste being submitted to any of the operations listed in paragraphs 1 to 13 of Part III of Schedule 4 of the 1994 Regulations.   | <p>All wastes to be submitted to a composting operation shall be stored in accordance with Appendix D of the Working Plan and table 4.4 of this licence.</p>   |
| <b>D9:</b> Physico-chemical treatment of waste not listed elsewhere in this table which results in final compounds or mixtures which are discarded by means of any of the operations listed in paragraphs 1 to 12 of Part III of Schedule 4 of the 1994 Regulations. | <p>Treatment consisting of sorting; separation; screening; crushing or compaction of waste into different components for disposal and recovery.</p> <p>Treatment of non-hazardous and inert waste for disposal shall not exceed 50 tonnes per day.</p> |
| <b>R2:</b> Reclamation or regeneration of solvents   |  |
| <b>R3:</b> Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes   | <p>There must not be any treatment of asbestos waste</p> <p>All wastes to be submitted to a composting operation shall be physical treated, composted and matured in accordance with Appendix D of the Working Plan and table 4.4 of this licence.</p> |
| <b>R4:</b> Recycling or reclamation of metals and metal compounds  |  |
| <b>R5:</b> Recycling or reclamation of other inorganic materials.  | <p>All waste must be treated on impermeable pavement with sealed drainage.</p>   |

## 1.2 Permitted wastes

- 1.2.1 No wastes other than those listed in Appendix B of the Working Plan shall be accepted at the site.
- 1.2.2 No clinical wastes shall be permitted on site until Condition 1.1.4 has been complied with.
- 1.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 above, wastes that consist solely or mainly of dusts, powders or loose fibres shall not be accepted at the site.
- 1.2.4 The maximum quantity of waste accepted at the site shall be less than 75,000 tonnes a year.



### 1.3 Staffing and understanding of requirements of licence conditions and working plan

- 1.3.1 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 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.
- 1.3.2 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.
- 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 and working plan which are relevant to their specific duties.
- 1.3.4 Attendance of the technically competent person(s) at the site shall be recorded in the site diary on arrival and departure.

### 1.4 Amendments to working plan and supporting information

- 1.4.1 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 1.4 below, and to any appendices, drawings and figures which are referenced in those sections.

**Table 1.4 Sections of the working plan requiring prior consent for amendments**

| <b>Number and Heading of Working Plan Sections And Appendices</b> | <b>Sections, Subsections and Appendices requiring Prior consent for Amendments</b> |
|---|--|
| Section 1: Introduction   | 1.2.1; Table WP2   |
| Section 2: Site Engineering for Pollution Prevention and Control  | Section 2  |
| Section 4: Site Operations  | 4.2.2; 4.3.1a; 4.4.1; 4.4.2; 4.6   |
| Appendix A: Site Plans  | Drawing Nos. ES1542.101; ES1076.001; ES1542.102                                    |
| Appendix B: Permitted Waste Types                                 | Appendix B   |
| Appendix D: Composting Area Working Plan                          | Appendix D   |
| Appendix E: Clinical Waste Working Plan                           | Appendix E   |



- 1.4.2 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.
- 1.4.3 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.
- 1.4.4 The proposed changes 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.

## **1.5 Notifications**

- 1.5.1 The Agency shall be notified without delay following the detection of:
- a** any malfunction, breakdown or failure of equipment or techniques, accident or fugitive emission which has caused, is causing or may cause significant pollution;
  - b** the breach of a limit specified in this licence; and
  - c** any significant adverse environmental and health effects.
- 1.5.2 Written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.
- 1.5.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- a** as soon as practicable prior to the permanent cessation of any of the activities;
  - b** cessation of operation of all or part of the activities for a period likely to exceed 3 months;
  - c** resumption of the operation of all or part of the activities after a cessation notified under (b) above
- 1.5.4 Where the Agency has requested in writing that it shall be notified when the licence holder is to undertake monitoring and/or spot sampling, the licence holder shall inform the Agency when the relevant monitoring is to take place. The licence holder shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 1.5.5 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 1.5.6 The Agency shall be notified within 14 days of the licence holder and/or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.



- 1.5.7 The Agency shall be notified within 14 days of the licence holder and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 1.5.8 The Agency shall be notified within 14 days of the occurrence of the following matters except where such disclosure is prohibited by Stock Exchange rules:
- a** Where the licence holder is a registered company:
    - i** any change in the licence holder's trading name, registered name or registered office address;
    - ii** any change to particulars of the licence holder's ultimate holding company (including details of an ultimate holding company where a licence holder has become a subsidiary);
    - iii** any steps taken with a view to the licence holder going into administration, entering into a company voluntary arrangement or being wound up; and
    - iv** if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.
  - b** Where the licence holder is a corporate body other than a registered company:
    - i** any change in the licence holder's name or address;
    - ii** any steps taken with a view to the dissolution of the licence holder; and
    - iii** if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.
  - c** In any other case:
    - i** the death of any of the named licence holders (where the licence holder consists of more than one named individual);
    - ii** any steps taken with a view to the licence holder, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership; and
    - iii** if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.
- 1.5.9 The Agency shall be notified at least 7 days in advance of the commencement of any of the activities.

## **2 Site Engineering**

### **2.1 Engineered site containment and drainage systems**

- 2.1.1 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 to meet the standards specified in Section 2 of the working plan and the specifications in Table 2 below:



**Table 2 Site containment and drainage standards**

| <b>Type of Site Containment and Drainage</b>         | <b>Minimum Specified Standards of Design, Construction and Maintenance</b>   |
|--|--|
| Impermeable pavement, bunding and sills              | <p>Areas of impermeable pavement, bunding and sills shall be constructed and maintained to prevent:</p> <ol style="list-style-type: none"> <li>fluids running off the pavement other than via the drainage system</li> <li>the transmission of fluids through the pavement or joints.</li> <li>ponding.</li> </ol>   |
| Sealed Drainage systems                              | <p>Drainage to areas of impermeable pavement will be provided by a sealed drainage system, constructed and maintained to ensure that:</p> <ol style="list-style-type: none"> <li>no liquid will run off the pavement other than via the system</li> <li>except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump or lagoon.</li> <li>Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.</li> </ol>   |
| Covered buildings or roofed areas                    | <p>Where wastes are stored in a building:</p> <ol style="list-style-type: none"> <li>the building shall be designed, constructed and maintained to prevent ingress of rain and surface water.</li> <li>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 water course or a soakaway.</li> </ol>  |
| Fixed bays and other waste storage containers        | <ol style="list-style-type: none"> <li>All fixed bays and containers used for the storage of waste must be constructed and maintained so that no waste stored within them can escape.</li> <li>In the event of damage or deterioration being detected to any container that is causing, or is likely to cause, a leak, that container shall be repaired or replaced immediately.</li> </ol>  |
| Inspection and maintenance of engineered containment | <p>All areas of impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and other waste storage containers shall be inspected and maintained in accordance with Section 2.1.5 of the Working Plan and the following:</p> <ol style="list-style-type: none"> <li>Inspected daily to ensure their continued integrity and that their construction remains fit for purpose.</li> <li>All drainage channels shall be maintained so that they remain free from blockages at all times</li> <li>In the event of any damage occurring that breaches the integrity of the engineered containment so that it no longer meets the specified standards, the Operator shall cease importing waste into the site and shall notify the Agency immediately. The operator shall not recommence importing waste into the site until the engineered containment has been repaired to meet the required standards</li> <li>All inspections and any necessary maintenance shall be recorded and the information kept on site</li> </ol> |



**2.1.2** No wastes shall be deposited, stored, treated or otherwise handled in any area 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 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.

**2.1.3** 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.



## **3 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 In the event of damage or defect, the board shall be repaired or replaced as soon as practicable.
- 3.1.3 The board shall be easily readable from outside the site entrance 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** Emergency contact name and telephone number of the permit holder and /or operator (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
  - e** Statement that the site is licensed by the Environment Agency;
  - f** Licence number;
  - g** Agency national numbers: 08708 506506 and 0800 807060 (or any number subsequently notified in writing by the Agency);
  - h** Days and hours site is open to receive waste and when that waste can be treated and handled.

### **3.2 Site security**

- 3.2.1 Site security measures shall be provided that prevent unauthorised access to the site, as far as practicable, and shall include the following:
  - a** Gates that are closed and locked outside normal operating hours that prevent people entering or driving on the site.
  - b** Prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry.



## 4 Site operations

### 4.1 Potentially polluting leaks and spillages of waste

4.1.1 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.

4.1.2 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 4.2.3 of the working plan and table 4 below.

**Table 4 Standards for prevention and control of leaks and spillages**

| Action   | Specified standards   |
|--|---|
| Loading and unloading of waste                         | Sheet asbestos shall not be intentionally broken up or damaged at the site prior to being placed in the waste storage container.  |
| Filling and emptying drums and other mobile containers | <p>Filling and emptying of containers shall be:</p> <ul style="list-style-type: none"> <li>a) Carried out in a bunded area maintained in accordance with condition 2.1.1</li> <li>b) supervised at all times by a member of staff.</li> <li>c) Lids/ caps/ bungs or other closures shall be in place at the end of filling</li> <li>d) Containers shall not be filled beyond their operational capacity.</li> </ul>   |
| Control and remediation of leaks and spillages         | <ul style="list-style-type: none"> <li>a) All spillages at the site shall be cleared up immediately.</li> <li>b) Spillage and materials used to clear the spill that have been, or are likely to have been contaminated, by asbestos shall be double bagged and placed in the asbestos storage skip.</li> <li>c) Spillage and materials used to clear the spill that have been, or are likely to have been contaminated, by clinical waste shall be placed in the clinical waste storage area.</li> <li>d) All other spill material shall be packaged in an appropriate leak-proof container and either stored in the appropriate area, or removed to a suitably licenced facility as soon as practicable.</li> <li>e) The Agency shall be informed immediately of any major spillages which are causing, or are likely to cause, polluting emissions to the environment.</li> <li>f) Records shall be maintained of all spills and their remediation.</li> </ul> |

### 4.2 Fires on the site

4.2.1 No wastes shall be burned on the site.

## **4.3 Waste acceptance and control procedures**

### **4.3.1 Wastes shall only be accepted if:**

- a** it is of a type listed in Appendix B of the working plan and does not exceed the quantities specified in table 1.1 and condition 1.2.2 of this licence; and
- b** it conforms to the description in the documentation supplied by the producer and holder.

### **4.3.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with section 4.4 of the working plan and with the standards specified in Table 4.4 below.**

### **4.3.3 Records shall be maintained of all waste accepted onto the site.**



Table 4.3 Standards for waste acceptance and control procedures

| Stage of Waste Handling     | Specified standards  |
|-----------------------------|--|
| a) Waste inspection         | <p>All wastes received at the site:</p> <ul style="list-style-type: none"> <li>i) shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation.</li> <li>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.</li> </ul>   |
| b) Waste control procedures | <ul style="list-style-type: none"> <li>a) Asbestos waste shall be: <ul style="list-style-type: none"> <li>i) handled and stored in accordance with Section 4.6 of the Working Plan,</li> <li>ii) double-bagged and kept within clearly identified, secure lockable containers which shall be kept closed and locked at all times when unattended.</li> </ul> </li> <li>b) Clinical waste shall be: <ul style="list-style-type: none"> <li>i) Handled and stored in accordance with Appendix E of the Working Plan</li> <li>ii) kept in a building in clearly identified, secure lockable containers which shall be kept closed and locked at all times when unattended</li> <li>iii) stored in a well-ventilated area separate from all other wastes.</li> </ul> </li> <li>c) Chemical wastes shall be handled and stored in accordance with section No.1 of Table WP2 of the Working Plan</li> <li>d) Tyres shall be stored in accordance with the following: <ul style="list-style-type: none"> <li>i) No more than 3m high</li> <li>ii) At least 15 metres from the site boundary and from any building.</li> <li>iii) Located so as to allow the Fire Service easy access to the stockpile.</li> </ul> </li> <li>e) Wastes to be subjected to a composting activity shall be stored, treated, composted and matured in accordance with Appendix D of the working plan and the following: <ul style="list-style-type: none"> <li>i) The storage of wastes to be submitted to a composting operation must take place in a well-ventilated building on an impermeable pavement with a sealed drainage system</li> <li>ii) Green Wastes to be submitted to a composting activity on this site shall be stored for no longer than 7 days prior to composting</li> <li>iii) Wastes to be submitted to a composting activity that are subject to the Animal By-Products Regulations shall be stored for no longer than 72 hours.</li> <li>iv) Treatment consisting of the composting of wastes must take place either: <ul style="list-style-type: none"> <li>a in a well-ventilated building on impermeable pavement with a sealed drainage system</li> <li>b in an enclosed reactor vessel fitted with a bio-filter.</li> </ul> </li> <li>v) The maturation of wastes must take place in an enclosed reactor vessel fitted with a bio-filter</li> </ul> </li> </ul> |



|                             |  |
|-----------------------------|--|
|                             | vi) The storage, physical treatment, composting and maturation of wastes under anaerobic conditions shall be prevented, or where that is not practicable, minimised.   |
| c) Identification of wastes | Bays and containers shall be clearly defined and labelled to identify the wastes stored within them  |
| d) Incompatible wastes      | Incompatible wastes that 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.   |
| e) Non-permitted wastes     | <ul style="list-style-type: none"> <li>i) Any items of non-permitted waste which are detected after acceptance at the site, shall be handled in accordance with section 4.4.3 of the working plan.</li> <li>ii) In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible;</li> <li>iii) The maximum quantity of wastes kept in the quarantine storage area shall be 4.6m<sup>3</sup> at any one time.</li> <li>iv) Quarantined wastes shall be removed from site within 48 hours.</li> </ul> |

## 4.4 Removal of residual wastes from site

- 4.4.1 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 2 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.

## 4.5 Transfers off-site

- 4.5.1 Records of all the wastes sent off site from the activities, for either disposal or recovery shall be maintained.



## **5 Monitoring**

### **5.1 Pre-operational**

- 5.1.1 Prior to the commencement of composting activities on the site, the operator shall conduct bio-aerosol monitoring and submit a bio-aerosol risk assessment to the Agency.

### **5.2 Operational**

- 5.2.1 The licence holder shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and the frequencies specified in table 5 below.
- 5.2.2 The licence holder shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

**Table 5 Activities - Monitoring requirements**

| <b>Monitoring point</b>   | <b>Substance or parameter</b>  | <b>Monitoring frequency</b>   | <b>Monitoring method</b>  | <b>Other specifications</b>   |
|---|--|---|---|---|
| Internal for each windrow and for any sample of waste or compost                                | Temperature  | Daily   | Long-stem temperature probe   | Monitoring equipment must be available on-site and used as required to ensure compliance with the conditions of this licence.   |
|   | Moisture   | Weekly  | Methodology to be agreed in writing with the Agency.                          |   |
| At receptors detailed in Appendix D of the Working Plan and as agreed in writing by the Agency. | Bioaerosols – Total Bacteria (cfu/m <sup>3</sup> ) and Total Fungi (cfu/m <sup>3</sup> ) | Quarterly for the first 12 months of operation of the composting activity, or as otherwise agreed in writing by the Agency. | Active impaction onto agar using Andersen, split samplers or liquid impingers | A report to be submitted at the end of the monitoring period, detailing the comparison between pre-operational and operational background levels of bioaerosols at the receptors. The report shall include weather data at the time of monitoring and, if relevant, details of any necessary changes to operational procedures and measures and a timetable for their implementation. |



## **6 Amenity management**

### **6.1 Fugitive emissions of substances**

- 6.1.1 Fugitive emissions of substances (excluding odour and noise) shall not cause pollution. The licence holder shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 6.1.2 Litter or mud arising from the activities shall not cause pollution. The licence holder shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, the litter and mud.
- 6.1.3 Litter and mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.
- 6.1.4 All liquid wastes, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the licence holder has used other appropriate measures to prevent, or where that is not practicable, to minimise leakage and spillage from the primary container.

### **6.2 Control of odours**

- 6.2.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the licence holder has used appropriate measures to prevent, or where that is not practicable, to minimise the odour.
- 6.2.2 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.

### **6.3 Control of noise**

- 6.3.1 Emissions from the activities shall be free from noise at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the licence holder has used appropriate measures to prevent, or where that is not practicable, to minimise the noise.

### **6.4 Control of pests**

- 6.4.1 Scavenging animals, scavenging birds and other pests shall not cause pollution, unless the licence holder has used appropriate measures to prevent, or where that is not practicable, to minimise such pollution.



## **7 Records and Reporting**

### **7.1 Records**

7.1.1 All records required to be made by this licence shall:

- a** be legible;
- b** be made as soon as reasonably practicable;
- c** if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- d** be retained, unless otherwise agreed by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until licence surrender:
  - a) off-site environmental and health effects; and
  - b) the condition of land and groundwater

7.1.2 Any records required to be made by this licence shall be supplied to the Agency within 14 days, where the records have been requested in writing by the Agency.

### **7.2 Reporting**

7.2.1 All reports and notifications required by the licence shall be sent to the Agency using the contact details supplied in writing by the Agency.

7.2.2 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter, and shall be in the format required by the Agency.



## 8 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;

*“clinical waste”*

has the meaning as defined in regulation 1(2) of the Controlled Waste Regulations 1992 or any statutory provisions amending or replacing them;

*“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;

*“livestock”*

livestock includes: cattle, horses, goats, sheep and pigs; but does not include domestic pets, such as dogs and cats, or any wild animals;

*“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;

*“specified waste management operations”*

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

*“surface water management system”*

means all elements relating to collection of rain water or surface water from individual landfill phases and the landfill site as a whole, and incorporating methods of water collection, containment and the subsequent treatment and/or disposal system, either on or off the site;

*“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.



# Schedule 1- Site plan

