



**ENVIRONMENT  
AGENCY**

## Notice of Modification of Waste Management Licence

Environmental Protection Act 1990

Section 37(1)(a)

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**Springfield Environmental Ltd**  
Stormy West Quarry, Pyle

Authorisation number

Previous Licence Number: 5

Waste management licence: 34009

Effective date: 31 December 2007

Asiantaeth yr Amgylchedd Cymru  
Maes Newydd, Llandarfi, Nedd , SA10 6JQ  
Ffon 08708 506506, Ffacs 01792 325511

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**Environment Agency • Licence Number 5 • EA WML 34009**  
Effective date: 31 December 2007

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ENVIRONMENTAL PROTECTION ACT 1990, sect. 37(1)(a)

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**NOTICE OF MODIFICATION OF  
WASTE MANAGEMENT LICENCE**

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To: The Company Secretary  
Of: Springfield Environmental Limited, 80 New Bond Street, London, W1S 1SB

*Formerly:*

*Springfield Environmental Limited, 3 Shortlands, London. W6 8EZ*

*Springfield Disposal Limited (Wimpey Disposal Ltd), 27 Hammersmith Grove, London W6 7EN.*

*Wimpey Waste Management Limited, 629 Eccles New Road, Salford, Manchester, M4 2BD*

WHEREAS on 1 September 1984 you were granted a Disposal Licence Number 5 by the former Ogwr Borough Council relating to land at Stormy West Quarry, Pyle, Bridgend.

AND WHEREAS on 1 May 1994 the said disposal licence converted to a waste management licence pursuant to section 77(2) of the Environmental Protection Act 1990 ("the 1990 Act")

AND WHEREAS on 16 October 2000 the Environment Agency last modified the licence

NOTICE is HEREBY GIVEN that the Environment Agency modifies the conditions contained in the said waste management licence as follows:-

Replace the licence conditions with those that are attached to this Notice.

This modification shall take effect from 00.00 hours on 31 December 2007

Dated: 31 December 2007

(Signed)..........

Audrey Evans, Team Leader

**N.B.-** The person served with this notice may under Section 43 of the 1990 Act appeal against the Agency's decision to the Secretary of State within six months of the date of the decision or such longer period as the Secretary of State may allow. *The person on whom this notice is served may also make application to the Secretary of State for a ruling as to whether the Agency has acted reasonably in including the above statement as to the non-application of Section 43(4) of the 1990 Act.*

## Conditions

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### General considerations

#### 1.1 Specified Land

- 1.1.1 The area of land to which this licence relates is that edged in red on Plan STORMY/05A 'Surface water drainage' drawn by Joda Topographics Ltd. April 2000. A copy of this plan is supplied attached to these licence conditions. No change shall be permitted to the area of land specified by this licence.

#### 1.2 Specified waste management operations

- 1.2.1 No waste management operations shall be authorised by this licence unless specified in and undertaken in accordance with the limitations in the following table:

**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
Collection, use or flaring of landfill gas generated from the site	Gas produced from the in-situ waste at the site only	Shall be in accordance with gas management plan and condition 2.6

#### *Specified Waste Management Operations and Exempt Waste Management Operations*

- 1.2.2 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.



### 1.3 **Hours of operation**

- 1.3.1 The following specified waste management operations authorised by this licence shall only be carried out within the times specified in the following table.

Permitted operating hours	
Specified waste management operations	Permitted hours
Collection, use or flaring of landfill gas generated from this site.	24 hours per day, every day of the year.

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

#### *Minimum staffing and supervision*

- 1.4.1 The site shall be supervised by at least one member of staff and/or an approved representative who is fully conversant with the requirements of the licence regarding:

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

- 1.4.2 This person shall be a Technically Competent Person to the minimum of level 4 as specified in Waste Management Paper number 4.

- 1.4.3 The name, address and a 24 hour contact telephone number for the Technically Competent Person chosen to retain the management responsibility for this site shall be notified in writing to the Agency within 5 working days of appointment.

- 1.4.4 The licence holder shall ensure that this Technically Competent Person, or a specified deputy who fulfils the above criteria, is available at all times and can be present in person at this site within not more than 2 hours following a request by the Agency.

#### *Availability of licence and working plan*

- 1.4.5 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*

- 1.4.6 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.

**1.5 Relevant convictions**

*Notification of relevant convictions*

- 1.5.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence (as defined in Regulation 3 of the Waste Management Licensing Regulations 1994 or any amendment to the aforementioned Regulation) and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days of conviction, whether or not the conviction 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, any sentence, and any fine or other penalty imposed.

*Notifications of appeals against convictions*

- 1.5.2 In the event that the Licence Holder 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.

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

*Amendments to working plan requiring prior consent from the Agency*

- 1.6.1 The Licence Holder shall give the Agency prior notice in writing on any proposed change to those sections of the working plan which are specified in Table 1.6 overleaf, and to any appendices, drawings and figures which are referenced in those sections.
- 1.6.2 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.
- 1.6.3 The licence holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency in writing.

- 1.6.4 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.*

- 1.6.5 Except where it is specified under condition 1.6.1 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.
- 1.6.6 The notice shall be accompanied by a copy of the specified changes.
- 1.6.7 The licence holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.6.8 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.

**Table 1.6 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
Section 2.4. Surface water	All
Section 2.5. Landfill gas control	All
Section 5.2. Monitoring	All
Section 5.9. Inspection & review	All
Surface Water Management Plan	All Appendices referred to
Leachate Management Plan	All Appendices referred to
Gas Management Plan	All Appendices referred to
Groundwater Management Plan	All Appendices referred to



**1.7 Notification of change of operator's or holder's details**

1.7.1 The following information shall be notified in writing within 5 working days to the Agency 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 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);

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

*Cessation and recommencement of receiving wastes*

1.8.1 No specified waste management operations 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.

**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.

## Site engineering for pollution prevention and control

### 2.1 **Engineering surveys**

- 2.1.1 Engineering surveys shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.

### 2.2 **Construction quality assurance plans (CQAPs) and method statements**

- 2.2.1 CQAPs shall be provided which detail the quality assurance and validation process for any new developments in engineering systems at the site. The CQAP should cover all permanent elements or fixed elements of the engineering and construction. The CQAPs shall be agreed in writing with the Agency prior to any new engineering works being undertaken.
- 2.2.2 The CQAPs and method statements required by conditions of this licence must be drafted by competent and suitably qualified engineer(s) who shall also prepare all technical (and, where relevant, geotechnical) reports and provide validation of the specified engineering works. The detail of the qualifications and experience of the engineer(s) shall be submitted to by the Agency in writing prior to the submission of the CQAPs.
- 2.2.3 CQAPs shall be supported by detailed method statements that shall be submitted to the Agency for inspection as required throughout the development. Minor changes to the agreed method statements may be made on site during the development, providing that all such changes are detailed and justified in the validation report. The CQAP shall be agreed in writing with the Agency prior to any new engineering works being undertaken.

### 2.3 **Leachate monitoring system**

- 2.3.1 The leachate monitoring shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.

### 2.4 **Leachate management system**

- 2.4.1 The leachate management shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.

**2.5 Surface water management system**

- 2.5.1 Surface water management shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.

**2.6 Landfill gas management system**

- 2.6.1 Landfill gas management shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.
- 2.6.2 The gas management system shall also be in accordance with the Gas Management Plan.

**2.7 Restoration scheme**

- 2.7.1 The site has been restored in compliance with the planning permission and the agreed CQA documents in force at that time.
- 2.7.2 The integrity of the engineered cap shall be maintained during the subsistence of this licence.

**2.8 Site completion – final landform and engineering**

- 2.8.1 The site has been restored in compliance with the planning permission and the agreed CQA documents in force at that time.
- 2.8.2 The licence holder shall ensure that all areas of the landfill maintain a landform that does not allow extended pooling of surface water on the site.

**2.9 Excavation or movement of previously emplaced waste**

- 2.9.1 Prior to any excavation or movement of previously emplaced waste at the site the Licence Holder shall produce a written risk assessment for the disturbance of wastes that could be potentially hazardous to human health or cause a nuisance. This written risk assessment is to be provided to the Agency at least ten days prior to the commencement of any proposed excavation works. Excavation of such materials shall not start until the Agency has given written approval, or if no written response from the Agency has been made, until the prescribed ten days period has elapsed.



## Site infrastructure

### 3.1 **Maintenance of site identification board**

- 3.1.1 The Licence holder shall maintain an identification board at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least every seven days. If any of the information on this board becomes unclear, the board shall be repaired or replaced within seven 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;
  - c** Operator name;
  - d** Licence number;
  - e** Emergency contact name and telephone number;
  - f** Statement that the site is licensed by the Environment Agency;
  - g** Environment Agency national numbers: for general enquiries (0870 506506) and emergencies (0800 807060), or as subsequently notified in writing by the Environment Agency;
  - h** That landfill site is closed and no waste can be received.

### 3.2 **Site security**

- 3.2.1 Site security systems shall be provided and maintained at all times during the subsistence of this licence in compliance with the Working Plan and references therein.

### 3.3 **Maintaining the infrastructure of the gas management system**

- 3.3.1 The gas management system at the site shall be visually inspected in compliance with the Working Plan and references therein.



## Site operations

### 4.1 **Control of mud and debris**

- 4.1.1 Management of mud or debris will be in compliance with the Working Plan and references therein.

### 4.2 **Potentially polluting leaks and spillages**

- 4.2.1 Management of potentially polluting leaks and spillages will be in compliance with the Working Plan and references therein.

### 4.3 **Fires on the site**

- 4.3.1 Management of fires on the site will be in compliance with the Working Plan and any references therein.
- 4.3.2 No waste shall be burned on the site other than through a specified waste management operation authorised under the other conditions of this licence.

## Pollution control, monitoring and reporting

### 5.1 **Quality assurance of monitoring and sampling results**

5.1.1 The licence holder shall provide to the Agency a written monitoring plan in covering any monitoring or sampling to be undertaken at this site. The plan shall include:

- a** the monitoring and sampling methodologies that will be used, including documented quality assurance procedures and documentation.
- b** the training and qualifications that will be provided/required for monitoring and sampling personnel;
- c** the analytical methodologies that will be used, including documented quality assurance procedures and documentation;
- d** the identity of the laboratories performing the specified analyses, with their relevant competence/accreditation

5.1.2 Monitoring and sampling of the site shall be undertaken in accordance with the plan required under condition 5.1.1.

5.1.3 Any proposed changes to the details provided in the monitoring plan shall be agreed in writing with the Agency prior to the changes being implemented.

5.1.4 All equipment used for monitoring and sampling shall be properly maintained and calibrated to the manufacturers recommendations and specifications. Copies of calibration certificates for such equipment shall be made available to the Agency on request.

5.1.5 All analysis of leachate, surface water and ground water shall be undertaken at a UKAS accredited laboratory

### 5.2 **Monitoring and sampling programmes**

5.2.1 All monitoring and sampling that is required by this licence is to meet the following criteria for content and quality:

- a** Monitoring and sampling points: The location and identity of each monitoring point shall be given on a plan of the site and its surroundings, drawn to an appropriate scale. These shall be cross-referenced to relevant engineering details.
- b** Determinands that will be monitored: The determinands that will be monitored by measurement at the monitoring point, and/or by sampling and analysis, shall be:
  - i** tabulated for each monitoring/sampling point against minimum frequencies for monitoring/sampling,
  - ii** shown as specified units and to a specified accuracy, and with specified trigger levels based on an appropriate risk assessment at which action will be taken, and;

- iii where the proposed determinants and/or frequencies differ from those recommended in Waste Management Paper Number 4, 27, or 26a the licence holder shall supply a scientific justification for his decision supported by risk assessment.
- c Records of monitoring and sampling: The format in which the results of the specified environmental monitoring and sampling programme will be documented and recorded.
- d Monitoring action plans: A monitoring action plan shall be provided which will be designed and operated to ensure that any results of monitoring or sampling that exceed the specified trigger levels for the determinands being monitored are acted upon immediately to:
  - i prevent hazard to human life, property or the environment outside the site boundary;
  - ii control and minimise any immediate risks of pollution of the environment;
  - iii ensure the immediate initiation of necessary investigations and management actions to identify, mitigate and remediate the causes of the exceedance.

The action plan shall be effective, and shall include training and where necessary, periodic tests.

### 5.3 Landfill gas monitoring

#### *Landfill Gas Risk Assessment*

- 5.3.1 The landfill gas risk assessment will be incorporated within the Gas Management Plan (GMP) which the Licence Holder shall submit to the Agency in writing.

#### *Engineered Gas Monitoring*

- 5.3.1 The engineered gas monitoring system will be incorporated within the GMP.
- 5.3.2 Any construction work involving the gas monitoring system shall be supervised by competent and suitably qualified engineer(s). A report shall be provided detailing compliance with the Construction Quality Assurance Plan. Detail of the qualifications and experience of the engineer(s) shall be submitted to the Agency in writing.
- 5.3.3 The licence holder shall submit a Construction Quality Assurance Validation Report to the Agency following the completion of each new phase of installation of the gas monitoring system. The report shall provide validation by the engineer (referred to in condition 5.3.2. above) that all the works subject to CQA procedures have been carried out in accordance with the method statements, design and specification.



#### 5.4 **Groundwater monitoring and sampling programme**

- 5.4.1 Within **12 months** of the date of issue of this modification the licence holder shall submit to the Agency a written groundwater monitoring and sampling programme which will be incorporated within the Working Plan and references therein.

The report shall be produced and justified and shall take account of the advice given in appropriate Environment Agency Guidance which has been agreed in writing.

##### *Groundwater monitoring system*

- 5.4.2 Within **12 months** from the date of issue of this modification the site shall be provided with a groundwater monitoring system designed, constructed and maintained in order to;

- a to allow the representative monitoring of groundwater quality;
- b to allow groundwater level to be accurately monitored and recorded at each monitoring point;
- c to enable representative samples of groundwater to be taken for analysis when required from each monitoring point;
- d to withstand physical damage and chemical attack in the subsurface environment;
- e to be secure to prevent unauthorized access and entry of foreign matter.
- f to indicate the current extent and where appropriate proposed extensions to the systems provided at the site.

This report shall be produced and its content justified with reference to the report required by condition 5.4.1, taking account of the advice given in appropriate Environment Agency Guidance which has been agreed in writing.

- 5.4.3 Competent and suitably qualified engineers shall supervise construction of the groundwater monitoring system. They shall provide a report detailing compliance with the Construction Quality Assurance Plan. The detail of the qualifications and experience of the engineer(s) shall be submitted to the Agency in writing.

- 5.4.4 The licence holder shall submit a Construction Quality Assurance Validation Report to the Agency following the completion of each new phase of installation of the groundwater monitoring system. The report shall provide validation that all the works subject to CQA procedures have been carried out in accordance with the method statements, design and specification.

#### 5.5 **Leachate monitoring and sampling programme**

- 5.5.1 Within **12 months** of the date of issue of this modification the licence holder shall submit to the Agency a written report proposing a specific leachate monitoring programme for the site. This will be incorporated within the Working Plan and references therein.

The programme shall take account of the advice given in appropriate Environment Agency Guidance which has been agreed in writing.



**5.6 Maintenance arrangements for engineered monitoring systems**

5.6.1 All monitoring boreholes shall be checked at six monthly intervals for depth. Records of this monitoring and the depths of the boreholes shall be reported to the Agency in the Annual report required by condition 5.7.3 In the event that the checking finds that depth has become unsuitable for monitoring and obtaining samples the Agency shall be informed, repaired or replaced as outlined in condition 5.6.2.

5.6.2 All monitoring systems shall be inspected at least weekly. If at any time any element of the monitoring system becomes unserviceable for sampling, then it shall be made serviceable or replaced by agreement with the Agency within 4 weeks of becoming unserviceable. The event shall be recorded in the site diary.

**5.7 Monitoring records**

5.7.1 Records shall be kept of all monitoring and sampling at the site in conjunction with the Working Plan and references therein.

5.7.2 The records shall provide the following quality assured monitoring and sampling information:

- a** Determinands monitored/sampled;
- b** Specified details of measurements/samples to support analytical and QA requirements; e.g. dates, times, locations, other relevant parameters;
- c** Results of measurements/sample analyses, with error limits;
- d** Interpretation and review of results against specified trigger levels;
- e** Validation of the accuracy and validity of results, by a designated quality assurer.

5.7.3 The licence holder shall collate all data relating to the site monitoring on an annual basis. The collated data should be interpreted by a suitably qualified person with experience of leachate management and groundwater monitoring and copies of the interpretation, together with any recommendations made. This shall be forwarded to the Agency within two months of the end of the financial year.

The required data interpretation and recommendations shall address the following matters;

- a** the effectiveness of gas and leachate control;
- b** the quality of ground and surface waters and the general environmental impact of the facility;
- c** a review of all risk assessments undertaken in compliance with conditions of this licence;
- d** a review of all site monitoring programmes;
- e** developing trends in gas quality and quantity
- f** developing trends in leachate and groundwater quality

## 6      Amenity management and reporting

### 6.1      **Control of odours**

- 6.1.1      The control of odours shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.

### 6.2      **Noise and odour risk assessments**

- 6.2.1      The control of noise shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.
- 6.2.2      When monitoring identifies that any trigger level specified within a monitoring programme has been exceeded, the emergency action plan within that programme shall be implemented immediately and the Agency shall be informed immediately.

### 6.3      **Control of pests**

- 6.3.1      The control of pests shall be carried out in accordance with the appropriate section as outlined within the Working Plan and references therein.
- 6.3.2      All details of inspection and actions taken shall be recorded in the site diary.

## 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 at the site office, or at a location agreed by the Agency.

#### *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, within a period of not more than 24 hours from the time of any request by an authorised officer of the Agency.

### 7.2 **Site diary**

- 7.2.1 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 in conjunction with the Working Plan and references therein



## 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;

*"hazardous waste"*

has the meaning defined by article 1.4 of Council Directive 91/689/EEC and the list annexed to article 1 of Council Decision 94/904/EC as amended by commission decision 2000/532/EC or any other directives or decisions amending or replacing them;

*"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 that does not undergo any significant physical, chemical or biological transformations. It does not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant and in particular not endanger the quality of surface water and/or groundwater.

*"leachate management system"*

means all elements relating to leachate extraction from individual landfill cells and the landfill mass as a whole, and incorporating methods of leachate drainage, containment and the subsequent treatment and/or disposal system, either on or off the site;

*"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"*

Shall be interpreted in line with Table WP1.110 of 'Working Plan Specifications Volume 1: Waste Management Licences' Edition 1 Revision 0 issued by the Environment Agency.

*"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"*

The land outlined in red on plan Ref. STORMY/05A, drawn by Joda Topographics Ltd, April 2000, to 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.



## Rights of appeal

Section 43(1) of the Environmental Protection Act 1990 provides that, where except in pursuance of a direction given by The National Assembly For Wales,

- a licence is granted subject to conditions

the applicant may appeal from the decision to The National Assembly For Wales.

Therefore if you feel aggrieved by the decision or any of the conditions to the licence as granted you may obtain the appropriate form on which to give written notice of an appeal from:

The Planning Inspectorate  
Crown Buildings  
Cathays Park  
Cardiff  
CF10 3NQ

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
- 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 of 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 National Assembly For Wales may allow notice of appeal to be given after the expiry of this time period.